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UNITED STATES DISTRICT COURT
WESTERN DISTRICT OF WASHINGTON
AT SEATTLE

| | | |
|-------------------------|---|-----------|
| WASTE ACTION PROJECT, |) | |
| |) | |
| Plaintiff, |) | |
| v. |) | |
| |) | COMPLAINT |
| PLY GEM PACIFIC WINDOWS |) | |
| CORPORATION |) | |
| |) | |
| Defendant. |) | |
| |) | |
| |) | |

I. INTRODUCTION

1. This action is a citizen suit brought under Section 505 of the Clean Water Act (“CWA”) as amended, 33 U.S.C. § 1365. Plaintiff, Waste Action Project, seeks a declaratory judgment, injunctive relief, the imposition of civil penalties, and the award of costs, including attorneys’ and expert witnesses’ fees, for Defendant Ply Gem Pacific Windows Corporation (“Ply Gem’s”) repeated and ongoing violations of effluent standards and limitations under the CWA, as defined at 33 U.S.C. § 1365(f), particularly the terms and conditions of its National Pollutant Discharge Elimination System (“NPDES”) permit authorizing certain stormwater discharges of pollutants from Ply Gem’s Auburn, Washington facility to navigable waters.

II. JURISDICTION AND VENUE

2. The Court has subject matter jurisdiction over Waste Action Project's claims under Section 505(a) of the CWA, 33 U.S.C. § 1365(a). Ply Gem is in violation of an "effluent standard or limitation" as defined by Section 505(f) of the CWA, 33 U.S.C. § 1365(f). Sections 309(d) and 505(a) and (d) of the CWA, 33 U.S.C. §§ 1319(d) and 1365(a) and (d), authorize the relief Waste Action Project requests.

3. Under Section 505 (b)(1)(A) of the CWA, 33 U.S.C. § 1365(b)(1)(A), Waste Action Project notified Ply Gem of Ply Gem's violations of the CWA and of Waste Action Project's intent to sue under the CWA by letter dated and postmarked April 12, 2021 ("Notice Letter"). A copy of the Notice Letter is attached to this complaint as Exhibit 1. The allegations in the Notice Letter are incorporated herein by this reference. In accordance with 33 U.S.C. § 1365(b)(1)(A) and 40 C.F.R. § 135.2(a)(1), Waste Action Project notified the Administrator of the United States Environmental Protection Agency ("USEPA"), the Administrator of USEPA Region 10, the Director of the Washington Department of Ecology ("Ecology"), and Ply Gem's registered agent of its intent to sue Ply Gem by mailing copies of the Notice Letter to these individuals on April 12, 2021.

4. At the time of the filing of this Complaint, more than sixty days have passed since the Notice Letter and copies thereof were issued in the manner described in the preceding paragraph.

5. The violations complained of in the Notice Letter are continuing and/or are reasonably likely to re-occur.

6. At the time of the filing of this Complaint, neither the USEPA nor Ecology has commenced any action constituting diligent prosecution to redress the violations alleged in the Notice Letter.

III. PARTIES

8. Waste Action Project is suing on behalf of itself and its members.

9. Waste Action Project is a non-profit corporation organized under the laws of the State of Washington. Waste Action project is a membership organization and has at least one member who is injured by Ply Gem's violations. Waste Action Project is dedicated to protecting and preserving the environment of Washington State, especially the quality of its waters.

10. Waste Action Project has representational standing to bring this action. Waste Action Project's members are reasonably concerned about the effects of discharges of pollutants, including stormwater from Ply Gem's facility, on water quality and aquatic species and wildlife that Waste Action Project's members observe, study, use, and enjoy. Waste Action Project's members are further concerned about the effects of discharges from Ply Gem's facility on human health. In addition, discharges from Ply Gem's facility lessen Waste Action Project's members' aesthetic enjoyment of nearby areas. Waste Action Project has members who live, work, fish, and recreate around or use Mill Creek, tributaries thereto, and waters to which Mill Creek is tributary, all of which are affected by Ply Gem's discharges. Waste Action Project's members' concerns about the effects of Ply Gem's discharges are aggravated by Ply Gem's failure to record and timely report information about its discharges and pollution controls in a timely manner. The recreational, scientific, economic, aesthetic, and/or health interest of Waste Action Project and its members have been, are being, and will be adversely affected by Ply Gem's

1 violations of the CWA. The relief sought in this lawsuit can redress the injuries to these
2 interests.

3 11. Waste Action Project has organizational standing to bring this action. Waste
4 Action Project has been actively engaged in a variety of educational and advocacy efforts to
5 improve water quality and to address sources of water quality degradation in the waters of
6 Northwest Washington, including Mill Creek. As detailed herein and in the Notice Letter, Ply
7 Gem has failed to comply with numerous requirements of its NPDES permit including
8 monitoring, recordkeeping, reporting, and planning requirements. As a result, Waste Action
9 Project is deprived of information necessary to properly serve its members by providing
10 information and taking appropriate action to advance its mission. Waste Action Project's efforts
11 to educate and advocate for greater environmental protection, and to ensure the success of
12 environmental restoration projects implemented for the benefit of its members are also
13 obstructed. Finally, Waste Action Project and the public are deprived of information that
14 influences members of the public to become members of Waste Action Project, thereby reducing
15 Waste Action Project's membership numbers. Thus, Waste Action Project's organizational
16 interests have been adversely affected by Ply Gem's violations. These injuries are fairly
17 traceable to Ply Gem's violations and are redressable by the Court.

18 12. Ply Gem is a corporation authorized to conduct business under the laws of the
19 State of Washington.

20 13. Ply Gem owns and operates a commercial manufacturing facility located at or
21 about 5001 D St NW, Auburn, WA 98001 (referred to herein as the "facility").

22 IV. LEGAL BACKGROUND

23 14. Section 301(a) of the CWA, 33 U.S.C. § 1311(a), prohibits the discharge of
24 pollutants by any person, unless in compliance with the provisions of the CWA. A discharge of

1 a pollutant from a point source to waters of the United States without authorization by a NPDES
2 permit, issued under Section 402 of the CWA, 33 U.S.C. § 1342, constitutes a violation of
3 Section 301(a) of the CWA, 33 U.S.C. § 1311(a), and an “effluent standard or limitation” under
4 Section 505(a)(1) and (f) of the CWA, 33 U.S.C. § 1365(a)(1) and (f). Conditions of NPDES
5 permits are “effluent standards or limitations” under Section 505(a)(1) and (f) of the CWA, 33
6 U.S.C. § 1365(a)(1) and (f). Section 505(a)(1) of the CWA, 33 U.S.C. § 1365(a)(1), authorizes
7 citizen suits against violators of “effluent standards or limitations.”

8 15. The State of Washington has established a federally approved state NPDES
9 program administered by Ecology. Wash. Rev. Code § 90.48.260; Wash. Admin. Code ch. 173-
10 220. This program was approved by the Administrator of the USEPA pursuant to section 402(b)
11 of the CWA, 33 U.S.C. § 1342(b).

12 16. Under Section 402 of the CWA, 33 U.S.C. § 1342, Ecology has repeatedly issued
13 Industrial Stormwater General Permits, most recently on November 20, 2019, effective January
14 1, 2020, and set to expire December 31, 2024 (the “2020 Permit”). The previous permit was
15 issued December 3, 2014, became effective January 2, 2015, and expired December 31, 2019
16 (the “2015 Permit”). The 2015 Permit and 2020 Permit (collectively, “the Permits”), contain
17 substantially similar requirements and authorize those that obtain coverage thereunder to
18 discharge stormwater associated with industrial activity, a pollutant under the CWA, and other
19 pollutants contained in the stormwater to waters of the United States subject to certain terms and
20 conditions.

21 17. The Permits imposes certain terms and conditions on those covered thereby,
22 including requirements for monitoring and sampling of discharges, reporting and recordkeeping
23 requirements, and restrictions on the quality of stormwater discharges. To reduce and eliminate
24 pollutants in stormwater discharges, the Permits require, among other things, that permittees

1 develop and implement best management practices (“BMPs”) and a Stormwater Pollution
2 Prevention Plan (“SWPPP”), and apply all known and reasonable methods of prevention,
3 control, and treatment (“AKART”) to discharges. The specific terms and conditions of the
4 Permits are described in detail in the Notice Letter, attached hereto as Exhibit 1 and incorporated
5 herein by this reference.

6 V. FACTS

7 18. Ecology granted Ply Gem coverage for the facility under the 2015 Permit under
8 Permit Number WAR306973. Ecology granted subsequent coverage under the 2020 Permit
9 under the same permit number, WAR306973.

10 19. Ply Gem discharges stormwater and pollutants associated with industrial activity
11 via stormwater conveyances into Mill Creek, which flows into the Green River, which flows into
12 the Puget Sound.

13 20. Ply Gem’s facility is engaged in industrial activities including metal window and
14 door manufacturing and is approximately 11.4 acres. Ply Gem’s facility has a series of catch
15 basins and stormwater collection pipes and nine outfalls that discharge stormwater and other
16 pollutants to Mill Creek.

17 21. Ply Gem has violated and continues to violate “effluent standards or limitations,”
18 as defined by 33 U.S.C. § 1365(f), including conditions of the Permits. Ply Gem’s violations of
19 the Permits are set forth in sections I through IX of the Notice Letter attached hereto as Exhibit 1
20 and are incorporated herein by this reference. In particular, and among the other violations
21 described in the Notice letter, Ply Gem has violated the Permits by failing to comply with water
22 quality standards, by failing to implement BMPs to control water quality, by failing to implement
23 corrective actions, by not establishing an adequate stormwater pollution prevention plan, by not
24

collecting quarterly samples, or analyzing quarterly samples once collected, and by not complying with visual monitoring requirements.

22. Ply Gem's discharges stormwater from the facility containing levels of pollutants that exceed the benchmark values established by the Permits, including the days on which Ply Gem collected samples with the results identified in Table 1 below, and are likely to continue discharging comparably unacceptable stormwater effluent:

Table 1: Reported Benchmark Exceedances

| Quarter and year in which sample was collected | Turbidity (Benchmark 25 NTU) | Copper (Benchmark 14 µg/L) | Zinc (Benchmark 117 µg/L) | pH (Benchmark ≥5 and ≤9) |
|--|------------------------------|----------------------------|---------------------------|--------------------------|
| 1st Quarter 2020 | | | | |
| 1* | | | | 4.49 |
| 2* | 36 | | | |
| 3rd Quarter 2020 | | | | |
| 1 | | | 193 | |
| 2 | | 17.6 | 207 | |

*1 and 2 are Ply Gem's designations for its monitoring points

23. The General Permit requires Ply Gem's monitoring to be representative of discharges from the facility. The stormwater samples identified in Tables 1 are representative of and accurately characterize the quality of stormwater discharges generated by Ply Gem's facility during the associated calendar quarter. The stormwater monitoring data provided in Table 1 shows benchmark exceedances included in the stormwater monitoring results that Ply Gem submitted to Ecology.

24. In addition to the stormwater monitoring results submitted to Ecology as identified in Table 1, Ecology's January 21, 2020 inspection report documents that Ply Gem had

1 not reported stormwater sampling data collected by Ply Gem in the first and second quarters of
2 2019 to Ecology on Discharge Monitoring Reports. Ecology's January 21, 2020 inspection report
3 also documented that the sampling data which had been collected but not reported for the first
4 and second quarters of 2019 showed that Ply Gem had exceeded the pollutant benchmarks for
5 copper and turbidity in both of the first and second quarters of 2019. These benchmark
6 exceedances are also identified in Ply Gem's 2019 annual report which was submitted to
7 Ecology. The exact dates and numerical values of the exceedances for copper and turbidity in the
8 first and second quarters of 2019 are known to Ply Gem.

9 25. Ply Gem's stormwater discharges are causing or contributing to violations of
10 water quality standards and therefore violate the Permits. Discharges from Ply Gem's facility
11 contribute the polluted conditions of the waters of the State, including the water quality standards
12 of Mill Creek. Discharges from Ply Gem's facility contribute to the ecological impacts that result
13 from the pollution of these waters and to Waste Action Project's and its members' injuries
14 resulting therefrom. These requirements and Ply Gem's violations thereof are described in detail
15 in Section I of the Notice Letter, attached hereto as Exhibit 1, and incorporated herein by this
16 reference.

17 26. Ply Gem's exceedances of the benchmark values and inspection reports by
18 Ecology indicate that Ply Gem is failing to apply AKART to its discharges and/or is failing to
19 implement an adequate SWPPP and BMPs. Ply Gem violated and continues to violate the
20 Permits by not developing, modifying, and/or implementing BMPs in accordance with the
21 requirements of the Permits, and/or by not applying AKART to discharges from the facility.
22 These requirements and Ply Gem's violations thereof are described in detail in Section I.B and
23 Section II of the Notice Letter, attached as Exhibit 1, and incorporated herein by this reference.
24

1 27. Ply Gem has violated and continues to violate the monitoring requirements of the
2 Permits. For example, the Permits require Ply Gem to sample its stormwater discharge once
3 during every calendar quarter at each distinct point of discharge offsite except for substantially
4 identical outfalls, yet: Ply Gem has failed and is failing to monitor discharges during the third
5 quarter of 2018, fourth quarter of 2018, third quarter of 2019, fourth quarter of 2019, and first
6 quarter of 2021. Conditions S5.A.1 and S5.B.1 of the Permit require Ply Gem to analyze
7 stormwater samples collected quarterly for turbidity, pH, total copper, total zinc, total lead, and
8 petroleum hydrocarbons (diesel fraction), and yet: Ply Gem failed to analyze stormwater samples
9 for lead and petroleum hydrocarbons during the third quarter of 2018, fourth quarter of 2018, all
10 four quarters of 2019, all four quarters of 2020, and the first quarter of 2021. Ply Gem failed to
11 submit timely discharge monitoring reports. And, Ply Gem failed to comply with visual
12 monitoring requirements. The monitoring and inspection requirements and Ply Gem's violations
13 thereof are described in section III of the Notice Letter, attached hereto as Exhibit 1, and
14 incorporated herein by this reference.

15 28. Ply Gem has not conducted and/or completed the corrective action responses as
16 required by the Permits. These requirements of the Permits and Ply Gem's violations thereof are
17 described in section IV of the Notice Letter, attached hereto as Exhibit 1, and incorporated herein
18 by this reference.

19 29. Condition S8.B of the Permits require a permittee to undertake a Level 1
20 corrective action whenever it exceeds a benchmark value identified in Condition S5. A Level 1
21 corrective action comprises review of the SWPPP to ensure permit compliance, revisions to the
22 SWPPP to include additional operational source control BMPs with the goal of achieving the
23 applicable benchmark values in future discharges, signature and certification of the revised
24 SWPPP, summary of the Level 1 corrective action in the annual report, and full implementation

1 of the revised SWPPP as soon as possible, but no later than the discharge monitoring report due
2 date for the quarter the benchmark was exceeded. Condition S8.A of the 2020 Permit requires
3 that the permittee implement any Level 1 corrective action required by the 2015 Permit.

4 30. Ply Gem triggered Level 1 corrective action requirements for each benchmark
5 range exceedance identified in Table 1 above and each benchmark range exceedance identified
6 by Ecology's January 31, 2020 inspection report and Ply Gem's 2019 annual report. Ply Gem
7 has violated the requirements of the Permits described above by failing to conduct a Level 1
8 corrective action in accordance with Permit conditions, including the required review, revision,
9 and certification of the SWPPP, the required implementation of additional BMPs, and the
10 required summarization in the annual report, each time during the past five years that its
11 quarterly stormwater sampling results were greater than a benchmark, including the benchmark
12 excursions listed in Table 1 and those identified by Ecology's January 31, 2020 inspection report
13 and Ply Gem's 2019 annual report. These corrective action requirements and Ply Gem's
14 violations thereof are described in section IV.A of the Notice Letter, attached hereto as Exhibit 1,
15 and are incorporated herein by this reference.

16 31. Condition S8.C of the Permits require a permittee to undertake a Level 2
17 corrective action whenever it exceeds a benchmark value identified in Condition S5 during any
18 two quarters during a calendar year. A Level 2 corrective action comprises review of the
19 SWPPP to ensure permit compliance, revisions to the SWPPP to include additional structural
20 source control BMPs with the goal of achieving the applicable benchmark values in future
21 discharges, signature and certification of the revised SWPPP, summary of the Level 2 corrective
22 action in the annual report, and full implementation of the revised SWPPP as soon as possible,
23 but no later than August 31st of the year following the triggering of the Level 2 corrective action.

1 Condition S8.A of the 2020 Permit requires that the permittee implement any Level 2 corrective
2 action required by the 2015 Permit.

3 32. Ply Gem triggered Level 2 corrective action requirements for each benchmark
4 exceedance identified in Table 1 above and as identified by Ecology's January 31, 2020
5 inspection report and Ply Gem's 2019 annual report that occurred in any two quarters of a
6 calendar year. Ply Gem has violated the requirements of the Permits described above by failing
7 to conduct a Level 2 corrective action in accordance with Permit conditions, including the
8 required review, revision, and certification of the SWPPP, the required implementation of
9 additional structural source control BMPs, and the required summarization in the annual report,
10 each time during the past five years that its quarterly stormwater sampling results were greater
11 than a benchmark, for any two quarters during a calendar year, including the benchmark
12 excursions listed in Table 1 above and as identified by Ecology's January 31, 2020 inspection
13 report and Ply Gem's 2019 annual report. These violations include Ply Gem's failure to fulfill
14 these obligations for turbidity triggered by its stormwater sampling during calendar year 2019
15 and for copper triggered by its stormwater sampling during calendar year 2019. These corrective
16 action requirements and Ply Gem's violations thereof are described in section IV.B of the Notice
17 Letter, attached hereto as Exhibit 1, and are incorporated herein by this reference.

18 33. Ply Gem has failed and continues to fail to comply with recording and record
19 keeping requirements of the Permits. These requirements and Ply Gem's violations thereof are
20 described in section V of the Notice Letter, attached hereto as Exhibit 1, and are incorporated
21 herein by this reference.

22 34. Condition S9.E of the Permits requires Ply Gem to take certain actions, including
23 reporting to Ecology, in the event Ply Gem is unable to comply with any terms and conditions of
24

1 the Permits which may endanger human health or the environment. Ply Gem has failed to
2 comply with these requirements of the Permits by failing to report and subsequently correct
3 permit violations include each and every time Ply Gem failed to comply with corrective action
4 requirements as described above in paragraphs 28-32, each and every time Ply Gem failed to
5 sample a stormwater discharge as described above in paragraph 27, and each and every time Ply
6 Gem discharged stormwater with concentrations of pollutants in excess of the Permit
7 benchmarks as described in paragraphs 22-24 above. These requirements and Ply Gem's
8 violations thereof are described in section VIII of the Notice Letter, attached hereto as Exhibit 1,
9 and incorporated herein by this reference.

10 35. Each of Ply Gem's violations of the Permits and the CWA are ongoing in that
11 they are currently continuing or are likely to re-occur at least intermittently in the future.

12 36. A significant penalty should be imposed against Ply Gem pursuant to the penalty
13 factors set forth in 33 U.S.C. § 1319(d).

14 37. Ply Gem's violations were avoidable had Ply Gem been diligent in overseeing
15 facility operations and maintenance.

16 38. Ply Gem has benefited economically as a consequence of its violations and its
17 failure to implement stormwater management improvements at the facility.

18 39. In accordance with Section 505(c)(3) of the CWA, 33 U.S.C. § 1365(c)(3), and 40
19 C.F.R. § 135.4, Waste Action Project is mailing a copy of this Complaint to the Administrator of
20 the EPA, the Regional Administrator for Region 10 of the EPA, and the Attorney General of the
21 United States.

VI. CAUSE OF ACTION

40. The preceding paragraphs and the allegations in the Notice Letter attached hereto as Exhibit 1 are incorporated herein.

41. Ply Gem's violations of the Permits described herein and in the Notice Letter constitute violations of Sections 301 and 402 of the CWA, 33 U.S.C. §§ 1311 and 1342, and violations of an "effluent standard or limitation" as defined by Section 505 of the CWA, 33 U.S.C. § 1365(f).

42. These violations committed by Ply Gem are ongoing or are reasonably likely to continue to occur. Any and all additional violations of the Permits and the CWA which occur after those described in Waste Action Project's Notice Letter, but before a final decision in this action, should be considered continuing violations subject to this Complaint.

43. Without the imposition of appropriate civil penalties and the issuance of an injunction, Ply Gem is likely to continue to violate the Permits and the CWA to the further injury of Waste Action Project, its members, and others.

VII. RELIEF REQUESTED

Wherefore, Waste Action Project respectfully requests that this Court grant the following relief:

A. Issue a declaratory judgment that Ply Gem has violated and continues to be in violation of the Permits and Sections 301 and 402 of the CWA, 33 U.S.C. §§ 1311 and 1342;

B. Enjoin Ply Gem from operating the facility in a manner that results in further violations of the General Permit and the CWA;

C. Order Ply Gem to immediately implement a SWPPP that complies with the 2020 Permit;

1 D. Order Ply Gem to allow Waste Action Project to participate in the development
2 and implementation of Ply Gem's SWPPP;

3 E. Order Ply Gem to provide Waste Action Project, for a period beginning on the
4 date of the Court's Order and running for three years after Ply Gem achieves compliance with all
5 of the conditions of the Permits, with copies of all reports and other documents which Ply Gem
6 submits to Ecology regarding Ply Gem's coverage under the Permits at the facility at the time
7 these documents are submitted to Ecology;

8 F. Order Ply Gem to take specific actions to remediate the environmental harm
9 caused by its violations;

10 G. Order Ply Gem to pay civil penalties of \$37,500.00 per day of violation for each
11 violation committed by Ply Gem through November 2, 2015, and to pay \$56,460 per day of
12 violation for each violation committed by Ply Gem thereafter, pursuant to Sections 309(d) and
13 505(a) of the CWA, 33 U.S.C. §§ 1319(d) and 1365(a), and 40 C.F.R. § 19 and 19.4;

14 H. Award Waste Action Project its litigation expenses, including reasonable
15 attorneys' and expert witness fees, as authorized by Section 505(d) of the CWA, 33 U.S.C. §
16 1365(d), and any other applicable authorization; and

17 I. Award such other relief as this Court deems appropriate.
18

19 RESPECTFULLY SUBMITTED this 21st day of June, 2021

20 SMITH & LOWNEY, PLLC

21
22 By: /s/ Richard A. Smith
Richard A. Smith, WSBA No. 21788
23 By: /s/ Alyssa Koepfgen
Alyssa Koepfgen, WSBA No. 46773
24 Attorneys for Waste Action Project

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Exhibit 1

SMITH & LOWNEY, P.L.L.C.

2317 EAST JOHN STREET
SEATTLE, WASHINGTON 98112
(206) 860-2883, FAX (206) 860-4187

April 12, 2021

Via Certified Mail - Return Receipt Requested

Managing Agent
Ply Gem Pacific Windows Corporation
5001 D St NW
Auburn, WA 98001

**Re: NOTICE OF INTENT TO SUE UNDER THE CLEAN WATER ACT AND
REQUEST FOR COPY OF STORMWATER POLLUTION PREVENTION
PLAN**

Dear Managing Agent:

We represent Waste Action Project, P.O. Box 9281, Covington, WA 98042, (206) 849-5927. Any response or correspondence related to this matter should be directed to us at the letterhead address. This letter is to provide you with sixty days notice of Waste Action Project's intent to file a citizen suit against Ply Gem Pacific Windows Corporation, d.b.a. Ply Gem, Inc. ("Ply Gem"), under section 505 of the Clean Water Act ("CWA"), 33 U.S.C. § 1365, for the violations described below. This letter is also a request for a copy of the complete and current stormwater pollution prevention plan ("SWPPP") required by Ply Gem's National Pollution Discharge Elimination System ("NPDES") permit.

Ply Gem was granted coverage on September 25, 2018 under the Washington Industrial Stormwater General Permit ("IGSP") issued by the Washington State Department of Ecology ("Ecology") on December 3, 2014, effective January 2, 2015, and expiring on December 31, 2019 (the "2015 Permit"), under NPDES Permit No. WAR306973. Ecology granted subsequent coverage under the current iteration of the ISGP, issued by Ecology on November 20, 2019, effective January 1, 2020, and set to expire on December 31, 2024 (the "2020 Permit") and maintains the same permit number, WAR306973.

Ply Gem has violated and continues to violate the CWA (see Sections 301 and 402 of the CWA, 33 U.S.C. §§ 1311 and 1342) and the terms and conditions of the 2015 Permit and 2020 Permit (collectively, "Permits") with respect to operations of, and discharges of stormwater and pollutants from its facility located at or about 5001 D St NW, Auburn, WA 98001 (the "facility") as described herein, to Mill Creek. The facility subject to this notice includes any contiguous or adjacent properties owned or operated by Ply Gem.

I. COMPLIANCE WITH APPLICABLE STANDARDS.

A. Violations of Water Quality Standards.

Condition S10.A of the Permits prohibits discharges that cause or contribute to violations of water quality standards. Water quality standards are the foundation of the CWA and Washington's efforts to protect clean water. In particular, water quality standards represent the U.S. Environmental Protection Agency ("EPA") and Ecology's determination, based on scientific studies, of the thresholds at which pollution starts to cause significant adverse effects on fish or other beneficial uses. For each water body in Washington, Ecology designates the "beneficial uses" that must be protected through the adoption of water quality standards.

A discharger must comply with both narrative and numeric criteria water quality standards. WAC 173-201A-010; WAC 173-201A-510 ("No waste discharge permit can be issued that causes or contributes to a violation of water quality criteria, except as provided for in this chapter."). Narrative water quality standards provide legal mandates that supplement the numeric criteria. Furthermore, the narrative water quality standard applies with equal force even if Ecology has established a numeric water quality standard. Specifically, Condition S10.A of the Permits require that Ply Gem's discharges not cause or contribute to an excursion of Washington State water quality standards.

Ply Gem discharges to Mill Creek. Ply Gem discharges stormwater that contains elevated levels of copper, zinc, and turbidity, as indicated in the table of benchmark excursions below. These discharges cause and/or contribute to violations of water quality standards for copper, zinc, turbidity, aesthetic values, aquatic life uses, core summer salmonid habitat uses, water supply uses, recreational uses, and miscellaneous uses in Mill Creek. *See* WASH. ADMIN. CODE §§ 173-201A-200 (fresh water designated uses and criteria), (1)(a)(b) (general criteria that apply to all aquatic life fresh water uses), 1(e) (turbidity criteria), 2(a) (general criteria applicable to fresh water recreational uses), (4) (miscellaneous uses including wildlife habitat, harvesting commerce and navigation, boating, and aesthetics general criteria); § 173-201A-240 (toxic substances criteria for copper and zinc), 173-201A-260 (natural conditions and other water quality criteria and applications), 173-201A-600 (use designations – fresh waters), 173-201A-602 (Use designations for Mill Creek including aquatic life uses; core summer salmonid habitat; water supply use; and miscellaneous uses: harvesting, commerce and navigation, boating, aesthetics). These violations have occurred each and every day during the last five years on which there was 0.1 inch or more of precipitation, and they continue to occur. Precipitation data from that time period is appended to this notice of intent to sue and identifies these days.

Table 1: Benchmark Exceedances

| Quarter in which sample was collected and monitoring location | Cu Concentration (Benchmark 14 ug/L) | Zn Concentration (Benchmark 117 ug/L) | Turbidity Concentration (Benchmark 25 NTU) | pH (Benchmark ≥ 5 and ≤ 9) |
|---|--------------------------------------|---------------------------------------|--|---------------------------------------|
| 1st Quarter 2020 1* 2* | | | 36 | 4.49 |
| 3rd Quarter 2020 1 2 | 17.6 | 193 207 | | |

* 1 and 2 are Ply Gem's designations for its monitoring points

In addition to the benchmark exceedances identified in Table 1, Ecology's January 31, 2020 inspection report documents that Ply Gem had not reported sampling data which was collected in the first and second quarters of 2019 on Discharge Monitoring Reports, and that a Level 2 corrective action for copper and turbidity had been triggered in 2019. This Level 2 corrective action will be discussed further below in section IV.B of this notice letter. Ecology's observation after reviewing the sampling data for 2019 (which is unavailable to Waste Action Project) that a Level 2 corrective action had been triggered in 2019 indicates that benchmarks had been exceeded for copper and zinc in two quarters of 2019, the exact dates of which are known to Ply Gem. Ply Gem's 2019 Annual Report also identifies these benchmark exceedances, which according to that report, occurred in the first and second quarters of 2019.

B. Violations of AKART Standards.

Condition S10.C of the Permits requires Ply Gem to apply all known and reasonable methods of prevention, control and treatment ("AKART") to all discharges, including preparation and implementation of an adequate SWPPP and best management practices ("BMPs"). This failure includes, but is not limited to, failure to install effective treatment BMPs and failure to adequately maintain those BMPs. Ply Gem has violated and continues to violate these conditions by failing to apply AKART to its discharges or to implement an adequate SWPPP and BMPs as evidenced by the elevated levels of pollutants in its discharge indicated in the table above, as indicated by Ecology's January 31, 2020 observation of Ply Gem's 2019 stormwater sampling data and Ply Gem's 2019 Annual Report, and as described below in this notice of intent to sue.

Condition S1.A of the Permits requires that all discharges and activities authorized be consistent with the terms and conditions of the permits. Ply Gem has violated these conditions by discharging and acting inconsistent with the conditions of the Permits as described in this notice of intent to sue.

II. STORMWATER POLLUTION PREVENTION PLAN VIOLATIONS.

Ply Gem is in violation of the Permits' SWPPP provisions as follows:

1. Condition S3.A.1 of the Permits requires Ply Gem to develop and implement a SWPPP as specified. Condition S3.A.2 of the 2015 Permit and Condition S3.A.1 of the 2020 Permit require the SWPPP to specify BMPs necessary to provide AKART and ensure that discharges do not cause or contribute to violations of water quality standards. Ply Gem has violated these requirements of the Permits each and every day during the last five years and continues to violate them as it has failed to prepare and/or implement a SWPPP that includes AKART BMPs and BMPs necessary to comply with state water quality standards.

2. Condition S3.A of the Permits requires Ply Gem to have and implement a SWPPP that is consistent with permit requirements, fully implemented as directed by permit conditions, and updated as necessary to maintain compliance with permit conditions. Ply Gem has violated these requirements of the Permits each and every day during the last five years and continues to violate them because its SWPPP is not consistent with permit requirements, has not been fully implemented, and has not been updated as necessary.

3. Ply Gem's SWPPP fails to satisfy the requirements of Condition S3 of the Permits because it does not adequately describe BMPs. Condition S3.B.4 of the Permits require that the SWPPP include a description of the BMPs that are necessary for the facility to eliminate or reduce the potential to contaminate stormwater. Condition S3.A.3 of the Permits require that the SWPPP include BMPs consistent with approved stormwater technical manuals or document how stormwater BMPs included in the SWPPP are demonstratively equivalent to the practices contained in the approved stormwater technical manuals, including the proper selection, implementation, and maintenance of all applicable and appropriate BMPs. *See Stormwater Management Manual for Western Washington*, July 2019, <https://fortress.wa.gov/ecy/ezshare/wq/Permits/Flare/2019SWMMWW/Content/Resources/DocsForDownload/2019SWMMWW.pdf>. Ply Gem's SWPPP does not comply with these requirements because it does not adequately describe BMPs, does not include BMPs consistent with approved stormwater technical manuals, and does not include BMPs that are demonstratively equivalent to such BMPs with documentation of BMP adequacy.

4. Ply Gem's SWPPP fails to satisfy the requirements of Condition S3.B.2 of the Permits because it fails to include a facility assessment as mandated. The SWPPP fails to include an adequate facility assessment because it does not describe the industrial activities conducted at the site, the general layout of the facility including buildings and storage of raw materials, the flow of goods and materials through the facility, regular business hours and seasonal variations in business hours or in industrial activities as required.

5. Ply Gem's SWPPP fails to satisfy the requirements of Condition S3.B.1 of the Permits because it does not include a site map that identifies significant features, the stormwater drainage and discharge structures, the stormwater drainage areas for each stormwater discharge point off-site, a unique identifying number for each discharge point,

each sampling location with a unique identifying number, paved areas and buildings, areas of pollutant contact associated with specific industrial activities, conditionally approved non-stormwater discharges, surface water locations, areas of existing and potential soil erosion, vehicle maintenance areas, and lands and waters adjacent to the site that may be helpful in identifying discharge points or drainage routes.

6. Ply Gem's SWPPP fails to comply with Condition S3.B.2.b of the Permits because it does not include an inventory of industrial activities that identifies all areas associated with industrial activities that have been or may potentially be sources of pollutants as required. The SWPPP does not identify all areas associated with loading and unloading of dry bulk materials or liquids, outdoor storage of materials or products, outdoor manufacturing and processing, onsite dust or particulate generating processes, on-site waste treatment, storage, or disposal, vehicle and equipment fueling, maintenance, and/or cleaning, roofs or other surfaces exposed to air emissions from a manufacturing building or a process area, and roofs or other surfaces composed of materials that may be mobilized by stormwater as required by these conditions.

7. Ply Gem's SWPPP does not comply with Condition S3.B.2.c of the Permits because it does not include an adequate inventory of materials. The SWPPP does not include an inventory of materials that lists the types of materials handled at the site that potentially may be exposed to precipitation or runoff and that could result in stormwater pollution, a short narrative for material describing the potential for the pollutants to be present in stormwater discharge that is updated when data becomes available to verify the presence or absence of the pollutants, a narrative description of any potential sources of pollutants from past activities, materials and spills that were previously handled, treated, stored, or disposed of in a manner to allow ongoing exposure to stormwater as required. The SWPPP does not include the method and location of on-site storage or disposal of such materials and a list of significant spills and significant leaks of toxic or hazardous pollutants as these permit conditions require.

8. Ply Gem's SWPPP does not comply with Condition S3.B.3 of the Permits because it does not identify specific individuals by name or title whose responsibilities include SWPPP development, implementation, maintenance and modification.

9. Condition S3.B.4 of the Permits also requires that permittees include in their SWPPPs and implement mandatory BMPs. Ply Gem is in violation of this requirement because it has failed to include in its SWPPP and implement the mandatory BMPs of the Permits.

10. Ply Gem's SWPPP does not comply with Condition S3.B.4.b.i of the Permits because it does not include required operational source control BMPs in the following categories: good housekeeping (including definition of ongoing maintenance and cleanup of areas that may contribute pollutants to stormwater discharges, and a schedule/frequency for each housekeeping task); preventive maintenance (including BMPs to inspect and maintain stormwater drainage, source controls, treatment systems, and plant equipment and systems, and the schedule/frequency for each task); spill prevention and emergency cleanup plan

(including BMPs to prevent spills that can contaminate stormwater, for material handling procedures, storage requirements, cleanup equipment and procedures, and spill logs); employee training (including an overview of what is in the SWPPP, how employees make a difference in complying with the SWPPP, spill response procedures, good housekeeping, maintenance requirements, and material management practices, how training will be conducted, the frequency/schedule of training, and a log of the dates on which specific employees received training); inspections and recordkeeping (including documentation of procedures to ensure compliance with permit requirements for inspections and recordkeeping, identification of personnel who conduct inspections, provision of a tracking or follow-up procedure to ensure that a report is prepared and appropriate action taken in response to visual monitoring, definition of how Ply Gem will comply with signature and record retention requirements, and certification of compliance with the SWPPP and Permit).

11. Ply Gem's SWPPP does not comply with Condition S3.B.4.b.i.7 of the Permits because it does not include measures to identify and eliminate the discharge of process wastewater, domestic wastewater, noncontact cooling water, and other illicit discharges to stormwater sewers, or to surface waters and ground waters of the state.

12. Ply Gem's SWPPP does not comply with Condition S3.B.4.b.ii of the Permits because it does not include required structural source control BMPs to minimize the exposure of manufacturing, processing, and material storage areas to rain, snow, snowmelt, and runoff. Ply Gem's SWPPP does not comply with Condition S3.B.4.b.iii of the Permits because it does not include treatment BMPs as required.

13. Ply Gem's SWPPP fails to comply with Condition S3.B.4.b.v of the Permits because it does not include BMPs to prevent the erosion of soils or other earthen materials and prevent off-site sedimentation and violations of water quality standards.

14. Ply Gem's SWPPP fails to satisfy the requirements of Condition S3.B.5 of the Permits because it fails to include a stormwater sampling plan as required. The SWPPP does not include a sampling plan that: identifies points of discharge to surface waters, storm sewers, or discrete ground water infiltration locations; documents why each discharge point is not sampled; identifies each sampling point by its unique identifying number; identifies staff responsible for conducting stormwater sampling; specifies procedures for sampling collection and handling; specifies procedures for sending samples to the a laboratory; identifies parameters for analysis, holding times and preservatives, laboratory quantization levels, and analytical methods, and that specifies the procedure for submitting the results to Ecology.

III. MONITORING AND REPORTING VIOLATIONS.

A. Failure to Collect Quarterly Samples.

Condition S4.B of the Permits requires Ply Gem to collect a sample of its stormwater discharge once during every calendar quarter. Conditions S3.B.5.b and S4.B.2.c of the Permits require Ply Gem to collect stormwater samples at each distinct point of discharge offsite except for substantially identical outfalls, in which case only one of the substantially

identical outfalls must be sampled. These conditions set forth sample collection criteria but require the collection of a sample even if the criteria cannot be met.

Ply Gem has violated and continues to violate these conditions by failing to collect stormwater samples during the third quarter of 2018, fourth quarter of 2018, third quarter of 2019, and fourth quarter of 2019.

B. Failure to Analyze Quarterly Samples.

Conditions S5.A.1 and S5.B.1 of the Permits requires Ply Gem to analyze stormwater samples collected quarterly for turbidity, pH, total copper, total zinc, total lead, and petroleum hydrocarbons (diesel fraction).

Ply Gem violated these conditions by failing to analyze stormwater samples for lead and petroleum hydrocarbons during the third quarter of 2018, fourth quarter of 2018, all four quarters of 2019, and all four quarters of 2020.

C. Failure to Timely Submit Discharge Monitoring Reports.

Condition S9.A of the Permits requires Ply Gem to use DMR forms provided or approved by Ecology to summarize, report and submit monitoring data to Ecology. For each monitoring period (calendar quarter) a DMR must be completed and submitted to Ecology not later than 45 days after the end of the monitoring period. Ply Gem has violated these conditions by failing to submit a DMR which reports Ply Gem's monitoring data for all four quarters of 2019. Ply Gem has also violated these conditions by failing to submit a DMR for the third quarter of 2018, fourth quarter of 2018, and first quarter of 2019. And finally, Ply Gem has violated these conditions by failing to submit a DMR within the time prescribed for the second quarter of 2019, third quarter of 2019, fourth quarter of 2019, and first quarter of 2020.

D. Failure to Comply with Visual Monitoring Requirements.

Condition S7.A of the Permits requires that monthly visual inspection be conducted at the facility by qualified personnel. Each inspection is to include observations made at stormwater sampling locations and areas where stormwater associated with industrial activity is discharged, observations for the presence of floating materials, visible oil sheen, discoloration, turbidity, odor, etc. in the stormwater discharges, observations for the presence of illicit discharges, a verification that the descriptions of potential pollutant sources required by the permit are accurate, a verification that the site map in the SWPPP reflects current conditions, and an assessment of all BMPs that have been implemented (noting the effectiveness of the BMPs inspected, the locations of BMPs that need maintenance, the reason maintenance is needed and a schedule for maintenance, and locations where additional or different BMPs are needed).

Condition S7.C of the Permits requires that Ply Gem record the results of each inspection in an inspection report or checklist that is maintained on-site and that documents

the observations, verifications, and assessments required. The report/checklist must include the time and date of the inspection, the locations inspected, a statement that, in the judgment of the person conducting the inspection and the responsible corporate officer, the facility is either in compliance or out of compliance with the SWPPP and the Permits, a summary report and schedule of implementation of the remedial actions that Ply Gem plans to take if the site inspection indicates that the facility is out of compliance, the name, title, signature and certification of the person conducting the facility inspection, and a certification and signature of the responsible corporate officer or a duly authorized representative.

Ply Gem is in violation of these requirements of Condition S7 of the Permits because, during the last five years, it has failed to conduct each of the requisite visual monitoring and inspections, failed to prepare and maintain the requisite inspection reports or checklists, and failed to make the requisite certifications and summaries.

IV. CORRECTIVE ACTION VIOLATIONS.

A. Violations of the Level One Requirements.

Condition S8.B of the Permits requires Ply Gem take specified actions, called a “Level One Corrective Action,” each time quarterly stormwater sample results exceed a benchmark value or are outside the benchmark range for pH.

As described by Condition S8.B of the Permits, a Level One Corrective Action requires Ply Gem: (1) review the SWPPP for the facility and ensure that it fully complies with Condition S3 of the Permits and contains the correct BMPs from the applicable Stormwater Management Manual; (2) make appropriate revisions to the SWPPP to include additional operational source control BMPs with the goal of achieving the applicable benchmark values in future discharges and sign and certify the revised SWPPP in accordance with Condition S3.A.6 of the Permits; and (3) summarize the Level One Corrective Action in the Annual Report required under Condition S9.B of the Permits. Condition S8.B.4 of the Permits require Ply Gem implement the revised SWPPP as soon as possible, and no later than the DMR due date for the quarter the benchmark was exceeded.

Condition S5.A, Table 2, Condition S5.B, and Table 3 of the Permits establish the following benchmarks: turbidity 25 NTU; pH 5 – 9 SU; total copper 14 µg/L; total zinc 117 µg/L, total lead 64.6 µg/L, and petroleum hydrocarbons (diesel fraction) 10 mg/L.

Ply Gem has violated the requirements of the Permits described above by failing to conduct a Level One Corrective Action in accordance with permit conditions, including the required review, revision and certification of the SWPPP, the required implementation of additional BMPs, and the required summarization in the annual report each time since September 25, 2018 its quarterly stormwater sampling results were greater than a benchmark or outside the benchmark range for pH, including the benchmark excursions listed in Table 1 above and the benchmark excursions identified by Ecology’s January 31, 2020 inspection report and Ply Gem’s 2019 annual report, the dates and values of which are known to Ply Gem.

B. Violations of the Level Two Requirements.

Condition S8.C of the Permits requires Ply Gem take specified actions, called a “Level Two Corrective Action,” each time quarterly stormwater sample results exceed an applicable benchmark value or are outside the benchmark range for pH for any two quarters during a calendar year.

As described by Condition S8.C of the Permits, a Level Two Corrective Action requires Ply Gem: (1) review the SWPPP for the facility and ensure that it fully complies with Condition S3 of the Permits; (2) make appropriate revisions to the SWPPP to include additional structural source control BMPs with the goal of achieving the applicable benchmark value(s) in future discharges and sign and certify the revised SWPPP in accordance with Condition S3.A.6 of the Permits; and (3) summarize the Level Two Corrective Action (planned or take) in the Annual Report required under Condition S9.B of the Permits. Condition S8.C.4 of the Permits require Ply Gem implement the revised SWPPP according to condition S3 of the Permits and the applicable stormwater management manual as soon as possible, and no later than September 30th of the following year.

The Permits establish the benchmarks applicable to Ply Gem described in section IV.A of this notice of intent to sue letter.

Ply Gem has violated the requirements of the Permits described above by failing to conduct a Level Two Corrective Action in accordance with permit conditions, including the required review, revision and certification of the SWPPP, the required implementation of additional BMPs, including additional structural source control BMPs, and the required summarization in the annual report each time since September 25, 2018, its quarterly stormwater sampling results were greater than a benchmark or outside the benchmark range for pH for any two quarters during a calendar year. As indicated by Ecology’s January 31, 2020 inspection report and Ply Gem’s 2019 annual report, these violations include, but are not limited to, Ply Gem’s failure to fulfill these obligations for copper triggered by its stormwater sampling during calendar year 2019 and turbidity triggered by its stormwater sampling during calendar year 2019.

V. VIOLATIONS OF THE RECORDKEEPING REQUIREMENTS.

A. Failure to Record Information.

Condition S4.B.3 of the Permits requires Ply Gem record and retain specified information for each stormwater sample taken, including the sample date and time, a notation describing if Ply Gem collected the sample within the first 30 minutes of stormwater discharge event, an explanation of why Ply Gem could not collect a sample within the first 30 minutes of a stormwater discharge event, the sample location, method of sampling and of preservation, and the individual performing the sampling. Ply Gem is in violation of these conditions as it has not recorded each of these specified items for each sample taken during the last five years.

B. Failure to Retain Records.

Condition S9.C of the Permits requires Ply Gem to retain for a minimum of five years a copy of the current Permit, a copy of Ply Gem's coverage letter, records of all sampling information, inspection reports including required documentation, any other documentation of compliance with permit requirements, all equipment calibration records, all BMP maintenance records, all original recordings for continuous sampling instrumentation, copies of all laboratory results, copies of all required reports, and records of all data used to complete the application for the Permit. Ply Gem is in violation of these conditions because it has failed to retain records of such information, reports, and other documentation during the last five years.

VIII. FAILURE TO REPORT PERMIT VIOLATIONS.

Condition S9.E of the Permits requires Ply Gem to take certain actions in the event Ply Gem is unable to comply with any of the terms and conditions of the Permits which may endanger human health or the environment, or exceed any numeric effluent limitation in the permit. In such circumstances, Ply Gem must immediately take action to minimize potential pollution or otherwise stop the noncompliance and correct the problem, and Ply Gem must immediately notify the appropriate Ecology regional office of the failure to comply. Ply Gem must then submit a detailed written report to Ecology, including specified details, within 5 days of the time Ply Gem became aware of the circumstances unless Ecology requests an earlier submission.

Ply Gem routinely violates these requirements, including each and every time Ply Gem failed to comply with the corrective action requirements described in section IV of this Notice of Intent to Sue, and each and every time Ply Gem discharged stormwater with concentrations of pollutants in excess of the Permits' benchmarks, as described in Table 1, above, and as identified in Ecology's January 31, 2020 inspection report and Ply Gem's 2019 annual report. All these violations may endanger human health or the environment.

IX. REQUEST FOR SWPPP.

Pursuant to Condition S9.F of the 2015 Permit and Condition S9.G of the 2020 Permit, Waste Action Project hereby requests that Ply Gem provide a copy of, or access to, its SWPPP complete with all incorporated plans, monitoring reports, checklists, and training and inspection logs. The copy of the SWPPP and any other communications about this request should be directed to the undersigned at the letterhead address.

Should Ply Gem fail to provide the requested complete copy of, or access to, its SWPPP as required by Condition S9.F of the 2015 Permit and Condition S9.G of the 2020 Permit, it will be in violation of that condition, which violation shall also be subject to this notice of intent to sue and any ensuing lawsuit.

X. CONCLUSION.

The above-described violations reflect those indicated by the information currently available to Waste Action Project. These violations are ongoing. Waste Action Project intends to sue for all violations, including those yet to be uncovered and those committed after the date of this Notice of Intent to Sue.


Under Section 309(d) of the CWA, 33 U.S.C. § 1319(d), each of the above-described violations subjects the violator to a penalty of up to \$37,500 per day for each violation that occurred through November 2, 2015, and \$55,800 per day for each violation that occurred thereafter. In addition to civil penalties, Waste Action Project will seek injunctive relief to prevent further violations under Sections 505(a) and (d) of the CWA, 33 U.S.C. § 1365(a) and (d), and such other relief as is permitted by law. Also, Section 505(d) of the CWA, 33 U.S.C. § 1365(d), permits prevailing parties to recover costs, including attorney's fees.

Waste Action Project believes that this NOTICE OF INTENT TO SUE sufficiently states grounds for filing suit. We intend, at the close of the 60-day notice period, or shortly thereafter, to file a citizen suit against Ply Gem under Section 505(a) of the Clean Water Act for violations.

During the 60-day notice period, we would be willing to discuss effective remedies for the violations addressed in this letter and settlement terms. If you wish to pursue such discussions in the absence of litigation, we suggest that you initiate those discussions within 10 days of receiving this notice so that a meeting can be arranged and so that negotiations may be completed promptly. We do not intend to delay the filing of a complaint if discussions are continuing when the notice period ends.

Sincerely,

SMITH & LOWNEY, PLLC

By: 
Alyssa L. Englebrecht
Richard A. Smith

cc: Michael Regan, Administrator, U.S. EPA
Michelle Pirzadeh, Region 10 Acting Administrator, U.S. EPA
Laura Watson, Director, Washington Department of Ecology
Corporation Service Company, Registered Agent (300 Deschutes Way SW, Suite 208
MC-CSC1, Tumwater, WA 98501)

| Y e a r | M o n t h | D a y | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | | |
|------------------|-----------------------|-------------|---------------------------------------|------|---|------------------|------------------------------------|-----------------|-------------------------------------|-------------------------|----------------------|----------------------------|-------------|------|----------------------------|------|--|
| | | | 24 Hrs. Ending at Observation Time | | 24 Hour Amounts Ending at Observation Time | | | At Obs. Time | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | | |
| | | | Max. | Min. | Rain, Melted Snow, Etc. (in) | F l a g | Snow, Ice Pellets, Hail (in) | | | | F l a g | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. | |
| 2016 | 04 | 01 | | | | | | | | | | | | | | | Case 2:21-cv-00827 Document 1 Filed 06/21/21 Page 28 of 88 |
| 2016 | 04 | 02 | | | | | | | | | | | | | | | |
| 2016 | 04 | 03 | | | | | | | | | | | | | | | |
| 2016 | 04 | 04 | | | | | | | | | | | | | | | |
| 2016 | 04 | 05 | | | | | | | | | | | | | | | |
| 2016 | 04 | 06 | | | | | | | | | | | | | | | |
| 2016 | 04 | 07 | | | | | | | | | | | | | | | |
| 2016 | 04 | 08 | | | | | | | | | | | | | | | |
| 2016 | 04 | 09 | | | | | | | | | | | | | | | |
| 2016 | 04 | 10 | | | | | | | | | | | | | | | |
| 2016 | 04 | 11 | | | | | | | | | | | | | | | |
| 2016 | 04 | 12 | 57 | 44 | | 0.32 | | 0.0 | | | | | | | | | |
| 2016 | 04 | 13 | 58 | 44 | | 0.10 | | 0.0 | | | | | | | | | |
| 2016 | 04 | 14 | 59 | 44 | | 0.15 | | 0.0 | | | | | | | | | |
| 2016 | 04 | 15 | 59 | 47 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 04 | 16 | 67 | 44 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 04 | 17 | 80 | 48 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 04 | 18 | 89 | 54 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 04 | 19 | 84 | 56 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 04 | 20 | 81 | 53 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 04 | 21 | 72 | 51 | | T | | 0.0 | | | | | | | | | |
| 2016 | 04 | 22 | 62 | 52 | | T | | 0.0 | | | | | | | | | |
| 2016 | 04 | 23 | 64 | 51 | | 0.01 | | 0.0 | | | | | | | | | |
| 2016 | 04 | 24 | 55 | 46 | | 0.30 | | 0.0 | | | | | | | | | |
| 2016 | 04 | 25 | 59 | 44 | | 0.11 | | 0.0 | | | | | | | | | |
| 2016 | 04 | 26 | 59 | 43 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 04 | 27 | 63 | 48 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 04 | 28 | 63 | 50 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 04 | 29 | 61 | 48 | | 0.01 | | 0.0 | | | | | | | | | |
| 2016 | 04 | 30 | 67 | 45 | | 0.00 | | 0.0 | | | | | | | | | |
| Summary | | | 66 | 48 | | 1.00 | | 0.0 | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard Imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|------|------------------------------|----------------------------|----------------------|----------------------|----------------------|-------------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | Fall | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2016 | 05 | 01 | 79 | 50 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 05 | 02 | 87 | 54 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 05 | 03 | 72 | 56 | | T | | 0.0 | | | | | | | | |
| 2016 | 05 | 04 | 60 | 52 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 05 | 05 | 68 | 48 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 05 | 06 | 77 | 50 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 05 | 07 | 82 | 52 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 05 | 08 | 66 | 48 | | 0.03 | | 0.0 | | | | | | | | |
| 2016 | 05 | 09 | 67 | 46 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 05 | 10 | 75 | 47 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 05 | 11 | 80 | 52 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 05 | 12 | 76 | 49 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 05 | 13 | 84 | 50 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 05 | 14 | 58 | 53 | | 0.02 | | 0.0 | | | | | | | | |
| 2016 | 05 | 15 | 56 | 52 | | 0.02 | | 0.0 | | | | | | | | |
| 2016 | 05 | 16 | 59 | 50 | | 0.06 | | 0.0 | | | | | | | | |
| 2016 | 05 | 17 | 69 | 51 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 05 | 18 | 65 | 51 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 05 | 19 | 63 | 48 | | 0.50 | | 0.0 | | | | | | | | |
| 2016 | 05 | 20 | 66 | 49 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 05 | 21 | 58 | 50 | | 0.21 | | 0.0 | | | | | | | | |
| 2016 | 05 | 22 | 66 | 52 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 05 | 23 | 66 | 53 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 05 | 24 | 66 | 55 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 05 | 25 | 65 | 53 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 05 | 26 | 62 | 51 | | T | | 0.0 | | | | | | | | |
| 2016 | 05 | 27 | 64 | 49 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 05 | 28 | 62 | 49 | | 0.10 | | 0.0 | | | | | | | | |
| 2016 | 05 | 29 | 64 | 52 | | T | | 0.0 | | | | | | | | |
| 2016 | 05 | 30 | 72 | 48 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 05 | 31 | 80 | 52 | | 0.00 | | 0.0 | | | | | | | | |
| Summary | | | 69 | 51 | | 0.94 | | 0.0 | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement. is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Current Location: Elev: 370 ft, Lat: 47.4444° N Lon: -122.3138° W
Station: **SEATTLE TACOMA AIRPORT, WA US USW00024233**

Record of Climatological Observations
These data are quality controlled and may not be identical to the original observations.
Generated on 04/12/2021

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801
Observation Time Temperature: Unknown Observation Time Precipitation: 2400

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---------|-------|-----|------------------------------------|------|--|---------|------------------------------|--------------|----------------------------|----------------------|----------------------|----------------------|-------------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | 24 Hour Amounts Ending at Observation Time | | | At Obs. Time | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | |
| | | | Max. | Min. | Rain, Melted Snow, Etc. (in) | F I a g | Snow, Ice Pellets, Hail (in) | | | | F I a g | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2016 | 06 | 01 | 74 | 55 | 0.04 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 06 | 02 | 70 | 58 | 0.01 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 06 | 03 | 82 | 56 | 0.00 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 06 | 04 | 85 | 62 | 0.00 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 06 | 05 | 93 | 64 | 0.00 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 06 | 06 | 88 | 62 | 0.00 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 06 | 07 | 84 | 59 | 0.00 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 06 | 08 | 67 | 55 | 0.01 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 06 | 09 | 64 | 51 | 0.13 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 06 | 10 | 65 | 49 | 0.18 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 06 | 11 | 67 | 50 | T | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 06 | 12 | 70 | 53 | 0.00 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 06 | 13 | 65 | 49 | T | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 06 | 14 | 60 | 47 | 0.02 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 06 | 15 | 66 | 44 | 0.00 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 06 | 16 | 70 | 51 | 0.00 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 06 | 17 | 69 | 50 | 0.14 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 06 | 18 | 66 | 52 | T | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 06 | 19 | 72 | 48 | 0.00 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 06 | 20 | 75 | 55 | 0.55 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 06 | 21 | 71 | 54 | 0.00 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 06 | 22 | 75 | 55 | T | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 06 | 23 | 68 | 53 | 0.35 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 06 | 24 | 69 | 52 | 0.34 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 06 | 25 | 72 | 56 | T | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 06 | 26 | 80 | 56 | 0.00 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 06 | 27 | 85 | 58 | 0.00 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 06 | 28 | 76 | 54 | 0.00 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 06 | 29 | 72 | 55 | 0.00 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 06 | 30 | 73 | 55 | 0.00 | | 0.0 | 0.0 | | | | | | | | |
| Summary | | | 73 | 54 | 1.77 | | 0.0 | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard Imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|------|------------------------------|----------------------------|----------------------|----------------------|----------------------|-------------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | Fall | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2016 | 07 | 01 | 75 | 55 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 07 | 02 | 75 | 57 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 07 | 03 | 71 | 56 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 07 | 04 | 69 | 56 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 07 | 05 | 67 | 55 | | T | | 0.0 | | | | | | | | |
| 2016 | 07 | 06 | 76 | 56 | | 0.01 | | 0.0 | | | | | | | | |
| 2016 | 07 | 07 | 68 | 58 | | 0.12 | | 0.0 | | | | | | | | |
| 2016 | 07 | 08 | 72 | 58 | | 0.24 | | 0.0 | | | | | | | | |
| 2016 | 07 | 09 | 71 | 56 | | 0.01 | | 0.0 | | | | | | | | |
| 2016 | 07 | 10 | 73 | 56 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 07 | 11 | 73 | 57 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 07 | 12 | 76 | 59 | | T | | 0.0 | | | | | | | | |
| 2016 | 07 | 13 | 74 | 57 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 07 | 14 | 76 | 57 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 07 | 15 | 76 | 56 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 07 | 16 | 73 | 57 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 07 | 17 | 79 | 58 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 07 | 18 | 71 | 60 | | 0.01 | | 0.0 | | | | | | | | |
| 2016 | 07 | 19 | 77 | 60 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 07 | 20 | 80 | 60 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 07 | 21 | 84 | 58 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 07 | 22 | 73 | 59 | | 0.33 | | 0.0 | | | | | | | | |
| 2016 | 07 | 23 | 73 | 58 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 07 | 24 | 81 | 58 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 07 | 25 | 86 | 59 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 07 | 26 | 78 | 59 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 07 | 27 | 84 | 56 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 07 | 28 | 88 | 61 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 07 | 29 | 89 | 62 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 07 | 30 | 75 | 57 | | 0.00 | | 0.0 | | | | | | | | |
| 2016 | 07 | 31 | 72 | 56 | | 0.00 | | 0.0 | | | | | | | | |
| Summary | | | 76 | 58 | | 0.72 | | 0.0 | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement. is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|------|------------------------------|----------------------------|----------------------|----------------------|---|----------------------|------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | Fall | Snow, Ice Pellets, Hail, Ice on Ground (in) | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2016 | 08 | 01 | 77 | 53 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 08 | 02 | 71 | 57 | | 0.13 | | 0.0 | | | | | | | | | |
| 2016 | 08 | 03 | 76 | 58 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 08 | 04 | 82 | 56 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 08 | 05 | 79 | 57 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 08 | 06 | 71 | 54 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 08 | 07 | 69 | 57 | | 0.03 | | 0.0 | | | | | | | | | |
| 2016 | 08 | 08 | 73 | 56 | | T | | 0.0 | | | | | | | | | |
| 2016 | 08 | 09 | 71 | 58 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 08 | 10 | 76 | 58 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 08 | 11 | 81 | 58 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 08 | 12 | 90 | 63 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 08 | 13 | 91 | 64 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 08 | 14 | 85 | 57 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 08 | 15 | 83 | 57 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 08 | 16 | 83 | 56 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 08 | 17 | 80 | 56 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 08 | 18 | 87 | 60 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 08 | 19 | 95 | 69 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 08 | 20 | 91 | 62 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 08 | 21 | 73 | 57 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 08 | 22 | 72 | 55 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 08 | 23 | 80 | 54 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 08 | 24 | 85 | 58 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 08 | 25 | 91 | 61 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 08 | 26 | 92 | 64 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 08 | 27 | 73 | 58 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 08 | 28 | 70 | 55 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 08 | 29 | 79 | 53 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 08 | 30 | 71 | 56 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 08 | 31 | 69 | 58 | | 0.01 | | 0.0 | | | | | | | | | |
| Summary | | | 80 | 58 | | 0.17 | | 0.0 | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement. is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---------|-------|-----|------------------------------------|------|--|------|------------------------------|--------------|----------------------------|----------------------|----------------------|----------------------|-------------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | 24 Hour Amounts Ending at Observation Time | | | At Obs. Time | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | |
| | | | Max. | Min. | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | | Fall | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2016 | 09 | 01 | 66 | 56 | | 0.17 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 09 | 02 | 69 | 55 | | 0.05 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 09 | 03 | 69 | 54 | | 0.00 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 09 | 04 | 70 | 51 | | 0.00 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 09 | 05 | 64 | 54 | | 0.01 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 09 | 06 | 65 | 55 | | 0.42 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 09 | 07 | 66 | 57 | | 0.04 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 09 | 08 | 70 | 55 | | 0.03 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 09 | 09 | 73 | 50 | | 0.00 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 09 | 10 | 77 | 54 | | 0.00 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 09 | 11 | 70 | 55 | | 0.00 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 09 | 12 | 75 | 54 | | 0.00 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 09 | 13 | 77 | 51 | | 0.00 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 09 | 14 | 78 | 51 | | 0.00 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 09 | 15 | 72 | 52 | | 0.00 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 09 | 16 | 74 | 52 | | T | | 0.0 | 0.0 | | | | | | | |
| 2016 | 09 | 17 | 67 | 57 | | 0.22 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 09 | 18 | 68 | 54 | | 0.00 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 09 | 19 | 68 | 53 | | 0.08 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 09 | 20 | 67 | 49 | | 0.00 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 09 | 21 | 68 | 52 | | 0.00 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 09 | 22 | 65 | 49 | | 0.00 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 09 | 23 | 63 | 53 | | 0.01 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 09 | 24 | 66 | 53 | | 0.00 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 09 | 25 | 76 | 58 | | 0.00 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 09 | 26 | 77 | 53 | | 0.00 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 09 | 27 | 69 | 54 | | 0.02 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 09 | 28 | 67 | 52 | | 0.00 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 09 | 29 | 66 | 47 | | 0.00 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 09 | 30 | 65 | 46 | | T | | 0.0 | 0.0 | | | | | | | |
| Summary | | | 70 | 53 | | 1.05 | | 0.0 | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard Imperial units.

| Y e a r | M o n t h | D a y | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | | |
|------------------|-----------------------|-------------|------------------------------------|------|---------------|--|------------------|------------------------------|----------------------------|----------------------|----------------------|----------------------|-------------|------|----------------------|------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | F l a g | Snow, Ice Pellets, Hail (in) | | | F l a g | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. | Min. |
| 2016 | 10 | 01 | 63 | 50 | | 0.05 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 10 | 02 | 63 | 50 | | 0.00 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 10 | 03 | 60 | 49 | | T | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 10 | 04 | 60 | 52 | | 0.13 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 10 | 05 | 65 | 52 | | 0.04 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 10 | 06 | 62 | 53 | | 0.31 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 10 | 07 | 63 | 53 | | 0.11 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 10 | 08 | 65 | 52 | | 0.61 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 10 | 09 | 56 | 48 | | 0.06 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 10 | 10 | 60 | 45 | | 0.00 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 10 | 11 | 62 | 43 | | 0.00 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 10 | 12 | 66 | 43 | | 0.01 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 10 | 13 | 59 | 51 | | 1.75 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 10 | 14 | 57 | 50 | | 1.36 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 10 | 15 | 62 | 50 | | 0.73 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 10 | 16 | 60 | 50 | | 0.56 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 10 | 17 | 59 | 50 | | 0.17 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 10 | 18 | 58 | 49 | | 0.08 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 10 | 19 | 58 | 45 | | 0.22 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 10 | 20 | 60 | 50 | | 1.19 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 10 | 21 | 57 | 48 | | 0.02 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 10 | 22 | 62 | 44 | | 0.05 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 10 | 23 | 62 | 49 | | 0.12 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 10 | 24 | 63 | 51 | | 0.10 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 10 | 25 | 63 | 50 | | T | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 10 | 26 | 58 | 52 | | 1.23 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 10 | 27 | 58 | 52 | | 0.04 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 10 | 28 | 67 | 50 | | 0.00 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 10 | 29 | 60 | 48 | | 0.19 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 10 | 30 | 52 | 44 | | 0.26 | | 0.0 | 0.0 | | | | | | | | |
| 2016 | 10 | 31 | 57 | 49 | | 0.66 | | 0.0 | 0.0 | | | | | | | | |
| Summary | | | 61 | 49 | | 10.05 | | 0.0 | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Current Location: Elev: 370 ft, Lat: 47.4444° N Lon: -122.3138° W
Station: **SEATTLE TACOMA AIRPORT, WA US USW00024233**

Record of Climatological Observations
These data are quality controlled and may not be identical to the original observations.
Generated on 04/12/2021

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801
Observation Time Temperature: Unknown Observation Time Precipitation: 2400

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|---------|------------------------------|----------------------------|----------------------|----------------------|----------------------|-------------|----------------------|------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | F I a g | Snow, Ice Pellets, Hail (in) | | | F I a g | Ground Cover (see *) | Max. | Ground Cover (see *) | Min. | Max. |
| 2016 | 11 | 01 | 56 | 50 | | 0.22 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 11 | 02 | 56 | 51 | | 0.46 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 11 | 03 | 65 | 48 | | 0.00 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 11 | 04 | 63 | 42 | | T | | 0.0 | 0.0 | | | | | | | |
| 2016 | 11 | 05 | 60 | 51 | | 1.31 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 11 | 06 | 60 | 48 | | 0.12 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 11 | 07 | 66 | 50 | | 0.04 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 11 | 08 | 70 | 49 | | 0.00 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 11 | 09 | 64 | 51 | | 0.24 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 11 | 10 | 62 | 45 | | 0.00 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 11 | 11 | 61 | 52 | | 0.00 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 11 | 12 | 58 | 48 | | 0.10 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 11 | 13 | 54 | 47 | | 0.24 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 11 | 14 | 57 | 50 | | 0.31 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 11 | 15 | 54 | 46 | | 1.08 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 11 | 16 | 50 | 43 | | 0.20 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 11 | 17 | 51 | 41 | | 0.00 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 11 | 18 | 54 | 39 | | 0.00 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 11 | 19 | 57 | 48 | | 0.04 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 11 | 20 | 57 | 47 | | 0.01 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 11 | 21 | 53 | 44 | | 0.02 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 11 | 22 | 53 | 43 | | 0.45 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 11 | 23 | 48 | 42 | | 0.13 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 11 | 24 | 51 | 46 | | 0.66 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 11 | 25 | 52 | 41 | | 0.01 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 11 | 26 | 51 | 43 | | 0.38 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 11 | 27 | 47 | 42 | | 0.32 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 11 | 28 | 50 | 40 | | 0.00 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 11 | 29 | 51 | 41 | | 0.04 | | 0.0 | 0.0 | | | | | | | |
| 2016 | 11 | 30 | 50 | 43 | | 0.10 | | 0.0 | 0.0 | | | | | | | |
| Summary | | | 56 | 46 | | 6.48 | | 0.0 | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 9=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard Imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|---------|------------------------------|----------------------------|----------------------|----------------------|----------------------|-------------|------|----------------------|------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | F l a g | Snow, Ice Pellets, Hail (in) | | | F l a g | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. | Min. |
| 2016 | 12 | 01 | 46 | 40 | | 0.01 | | 0.0 | | 0.0 | | | | | | | |
| 2016 | 12 | 02 | 49 | 44 | | 0.27 | | 0.0 | | | | | | | | | |
| 2016 | 12 | 03 | 48 | 44 | | 0.18 | | 0.0 | | | | | | | | | |
| 2016 | 12 | 04 | 45 | 35 | | 0.17 | | 0.0 | | | | | | | | | |
| 2016 | 12 | 05 | 39 | 33 | | 0.24 | | T | | | | | | | | | |
| 2016 | 12 | 06 | 40 | 31 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 12 | 07 | 38 | 28 | | 0.00 | | 0.0 | | | | | | | | | |
| 2016 | 12 | 08 | 38 | 30 | | 0.06 | | 0.5 | | | | | | | | | |
| 2016 | 12 | 09 | 36 | 31 | | 0.34 | | 0.5 | | 1.2 | | | | | | | |
| 2016 | 12 | 10 | 44 | 35 | | 0.18 | | 0.0 | | 0.0 | | | | | | | |
| 2016 | 12 | 11 | 42 | 39 | | 0.09 | | 0.0 | | 0.0 | | | | | | | |
| 2016 | 12 | 12 | 42 | 37 | | 0.09 | | 0.0 | | 0.0 | | | | | | | |
| 2016 | 12 | 13 | 38 | 31 | | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2016 | 12 | 14 | 39 | 30 | | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2016 | 12 | 15 | 38 | 32 | | T | | T | | 0.0 | | | | | | | |
| 2016 | 12 | 16 | 34 | 25 | | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2016 | 12 | 17 | 33 | 23 | | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2016 | 12 | 18 | 39 | 27 | | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2016 | 12 | 19 | 45 | 35 | | 0.81 | | T | | 0.0 | | | | | | | |
| 2016 | 12 | 20 | 50 | 40 | | 0.01 | | 0.0 | | 0.0 | | | | | | | |
| 2016 | 12 | 21 | 47 | 34 | | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2016 | 12 | 22 | 44 | 33 | | 0.30 | | 0.0 | | 0.0 | | | | | | | |
| 2016 | 12 | 23 | 39 | 35 | | 0.58 | | T | | 0.0 | | | | | | | |
| 2016 | 12 | 24 | 40 | 35 | | 0.10 | | 0.0 | | 0.0 | | | | | | | |
| 2016 | 12 | 25 | 42 | 33 | | T | | T | | 0.0 | | | | | | | |
| 2016 | 12 | 26 | 42 | 33 | | 0.29 | | 0.0 | | 0.0 | | | | | | | |
| 2016 | 12 | 27 | 44 | 40 | | 0.05 | | 0.0 | | 0.0 | | | | | | | |
| 2016 | 12 | 28 | 47 | 38 | | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2016 | 12 | 29 | 48 | 40 | | 0.05 | | 0.0 | | 0.0 | | | | | | | |
| 2016 | 12 | 30 | 45 | 34 | | 0.02 | | 0.0 | | 0.0 | | | | | | | |
| 2016 | 12 | 31 | 38 | 29 | | 0.03 | | T | | 0.0 | | | | | | | |
| Summary | | | 42 | 34 | | 3.87 | | 1.0 | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|------|------------------------------|----------------------------|----------------------|----------------------|----------------------|-------------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | Fall | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2017 | 01 | 01 | 37 | 28 | | 0.43 | | 3.0 | | | | | | | | |
| 2017 | 01 | 02 | 34 | 26 | | 0.00 | | 0.0 | | | | | | | | |
| 2017 | 01 | 03 | 33 | 21 | | 0.00 | | 0.0 | | | | | | | | |
| 2017 | 01 | 04 | 36 | 22 | | 0.00 | | 0.0 | | | | | | | | |
| 2017 | 01 | 05 | 35 | 21 | | 0.00 | | 0.0 | | | | | | | | |
| 2017 | 01 | 06 | 40 | 20 | | 0.00 | | 0.0 | | | | | | | | |
| 2017 | 01 | 07 | 37 | 29 | | T | | T | | | | | | | | |
| 2017 | 01 | 08 | 45 | 35 | | 0.45 | | 0.0 | | | | | | | | |
| 2017 | 01 | 09 | 42 | 34 | | 0.05 | | 0.0 | | | | | | | | |
| 2017 | 01 | 10 | 40 | 32 | | 0.07 | | 0.0 | | | | | | | | |
| 2017 | 01 | 11 | 34 | 28 | | T | | T | | | | | | | | |
| 2017 | 01 | 12 | 40 | 25 | | 0.00 | | 0.0 | | | | | | | | |
| 2017 | 01 | 13 | 37 | 25 | | 0.00 | | 0.0 | | | | | | | | |
| 2017 | 01 | 14 | 44 | 26 | | 0.00 | | 0.0 | | | | | | | | |
| 2017 | 01 | 15 | 43 | 27 | | 0.00 | | 0.0 | | | | | | | | |
| 2017 | 01 | 16 | 45 | 30 | | 0.00 | | 0.0 | | | | | | | | |
| 2017 | 01 | 17 | 49 | 39 | | 1.74 | | 0.0 | | | | | | | | |
| 2017 | 01 | 18 | 53 | 44 | | 1.21 | | 0.0 | | | | | | | | |
| 2017 | 01 | 19 | 50 | 41 | | 0.09 | | 0.0 | | | | | | | | |
| 2017 | 01 | 20 | 52 | 37 | | 0.00 | | 0.0 | | | | | | | | |
| 2017 | 01 | 21 | 54 | 40 | | 0.05 | | 0.0 | | | | | | | | |
| 2017 | 01 | 22 | 49 | 37 | | 0.08 | | 0.0 | | | | | | | | |
| 2017 | 01 | 23 | 48 | 34 | | 0.00 | | 0.0 | | | | | | | | |
| 2017 | 01 | 24 | 43 | 31 | | 0.00 | | 0.0 | | | | | | | | |
| 2017 | 01 | 25 | 44 | 35 | | T | | 0.0 | | | | | | | | |
| 2017 | 01 | 26 | 47 | 41 | | 0.00 | | 0.0 | | | | | | | | |
| 2017 | 01 | 27 | 54 | 37 | | 0.00 | | 0.0 | | | | | | | | |
| 2017 | 01 | 28 | 52 | 37 | | 0.00 | | 0.0 | | | | | | | | |
| 2017 | 01 | 29 | 48 | 37 | | 0.03 | | 0.0 | | | | | | | | |
| 2017 | 01 | 30 | 45 | 40 | | 0.02 | | 0.0 | | | | | | | | |
| 2017 | 01 | 31 | 44 | 34 | | 0.00 | | 0.0 | | | | | | | | |
| Summary | | | 44 | 32 | | 4.22 | | 3.0 | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|------|------------------------------|----------------------------|----------------------|----------------------|----------------------|-------------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | Fall | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2017 | 02 | 01 | 43 | 29 | | 0.00 | | 0.0 | 0.0 | | | | | | | |
| 2017 | 02 | 02 | 44 | 32 | | 0.01 | | T | | 0.0 | | | | | | |
| 2017 | 02 | 03 | 40 | 34 | | 0.70 | | T | | 0.0 | | | | | | |
| 2017 | 02 | 04 | 46 | 37 | | 0.94 | | 0.0 | 0.0 | | | | | | | |
| 2017 | 02 | 05 | 41 | 33 | | 0.82 | | 2.0 | 0.0 | | | | | | | |
| 2017 | 02 | 06 | 37 | 30 | | 0.65 | | 5.1 | 3.9 | | | | | | | |
| 2017 | 02 | 07 | 38 | 30 | | 0.01 | | 0.0 | 3.9 | | | | | | | |
| 2017 | 02 | 08 | 40 | 34 | | 0.70 | | T | 2.0 | | | | | | | |
| 2017 | 02 | 09 | 56 | 39 | | 1.63 | | 0.0 | 0.0 | | | | | | | |
| 2017 | 02 | 10 | 48 | 39 | | 0.02 | | 0.0 | 0.0 | | | | | | | |
| 2017 | 02 | 11 | 49 | 38 | | 0.00 | | 0.0 | 0.0 | | | | | | | |
| 2017 | 02 | 12 | 51 | 34 | | 0.00 | | 0.0 | 0.0 | | | | | | | |
| 2017 | 02 | 13 | 57 | 35 | | 0.00 | | 0.0 | 0.0 | | | | | | | |
| 2017 | 02 | 14 | 58 | 36 | | 0.23 | | 0.0 | 0.0 | | | | | | | |
| 2017 | 02 | 15 | 54 | 45 | | 1.63 | | 0.0 | 0.0 | | | | | | | |
| 2017 | 02 | 16 | 53 | 46 | | 0.50 | | 0.0 | 0.0 | | | | | | | |
| 2017 | 02 | 17 | 56 | 42 | | 0.01 | | 0.0 | 0.0 | | | | | | | |
| 2017 | 02 | 18 | 45 | 42 | | 0.15 | | 0.0 | 0.0 | | | | | | | |
| 2017 | 02 | 19 | 47 | 40 | | 0.06 | | 0.0 | 0.0 | | | | | | | |
| 2017 | 02 | 20 | 45 | 40 | | 0.20 | | 0.0 | 0.0 | | | | | | | |
| 2017 | 02 | 21 | 48 | 39 | | 0.07 | | 0.0 | 0.0 | | | | | | | |
| 2017 | 02 | 22 | 46 | 35 | | 0.00 | | 0.0 | 0.0 | | | | | | | |
| 2017 | 02 | 23 | 44 | 34 | | 0.01 | | 0.0 | 0.0 | | | | | | | |
| 2017 | 02 | 24 | 47 | 32 | | T | | T | 0.0 | | | | | | | |
| 2017 | 02 | 25 | 44 | 32 | | 0.01 | | 0.0 | 0.0 | | | | | | | |
| 2017 | 02 | 26 | 41 | 35 | | 0.33 | | T | 0.0 | | | | | | | |
| 2017 | 02 | 27 | 41 | 33 | | 0.16 | | 0.1 | 0.0 | | | | | | | |
| 2017 | 02 | 28 | 47 | 33 | | 0.01 | | 0.0 | 0.0 | | | | | | | |
| Summary | | | 47 | 36 | | 8.85 | | 7.2 | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|------|------------------------------|----------------------------|----------------------|----------------------|----------------------|-------------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | Fall | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2017 | 03 | 01 | 49 | 41 | | 0.02 | | 0.0 | | | | | | | | |
| 2017 | 03 | 02 | 47 | 41 | | 0.09 | | 0.0 | | | | | | | | |
| 2017 | 03 | 03 | 51 | 39 | | 0.36 | | 0.0 | | | | | | | | |
| 2017 | 03 | 04 | 46 | 34 | | 0.04 | | 0.0 | | | | | | | | |
| 2017 | 03 | 05 | 45 | 34 | | T | | 0.0 | | | | | | | | |
| 2017 | 03 | 06 | 43 | 35 | | T | | T | | | | | | | | |
| 2017 | 03 | 07 | 42 | 35 | | 0.75 | | T | | | | | | | | |
| 2017 | 03 | 08 | 43 | 37 | | 0.13 | | 0.0 | | | | | | | | |
| 2017 | 03 | 09 | 49 | 39 | | 0.70 | | 0.0 | | | | | | | | |
| 2017 | 03 | 10 | 52 | 44 | | 0.03 | | 0.0 | | | | | | | | |
| 2017 | 03 | 11 | 53 | 40 | | 0.37 | | 0.0 | | | | | | | | |
| 2017 | 03 | 12 | 53 | 45 | | 0.02 | | 0.0 | | | | | | | | |
| 2017 | 03 | 13 | 53 | 47 | | 0.65 | | 0.0 | | | | | | | | |
| 2017 | 03 | 14 | 57 | 48 | | 0.39 | | 0.0 | | | | | | | | |
| 2017 | 03 | 15 | 50 | 44 | | 0.81 | | 0.0 | | | | | | | | |
| 2017 | 03 | 16 | 52 | 39 | | 0.00 | | 0.0 | | | | | | | | |
| 2017 | 03 | 17 | 53 | 37 | | 0.68 | | 0.0 | | | | | | | | |
| 2017 | 03 | 18 | 57 | 35 | | 0.34 | | 0.0 | | | | | | | | |
| 2017 | 03 | 19 | 53 | 34 | | 0.00 | | 0.0 | | | | | | | | |
| 2017 | 03 | 20 | 54 | 38 | | 0.01 | | 0.0 | | | | | | | | |
| 2017 | 03 | 21 | 56 | 46 | | 0.20 | | 0.0 | | | | | | | | |
| 2017 | 03 | 22 | 56 | 43 | | 0.02 | | 0.0 | | | | | | | | |
| 2017 | 03 | 23 | 58 | 39 | | 0.26 | | 0.0 | | | | | | | | |
| 2017 | 03 | 24 | 54 | 44 | | 0.24 | | 0.0 | | | | | | | | |
| 2017 | 03 | 25 | 52 | 43 | | 0.01 | | 0.0 | | | | | | | | |
| 2017 | 03 | 26 | 49 | 43 | | 0.38 | | 0.0 | | | | | | | | |
| 2017 | 03 | 27 | 53 | 44 | | 0.17 | | 0.0 | | | | | | | | |
| 2017 | 03 | 28 | 53 | 44 | | 0.14 | | 0.0 | | | | | | | | |
| 2017 | 03 | 29 | 55 | 45 | | 0.51 | | 0.0 | | | | | | | | |
| 2017 | 03 | 30 | 54 | 43 | | T | | 0.0 | | | | | | | | |
| 2017 | 03 | 31 | 56 | 37 | | 0.00 | | 0.0 | | | | | | | | |
| Summary | | | 52 | 41 | | 7.32 | | 0.0 | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement. is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|---------|------------------------------|----------------------------|----------------------|----------------------|----------------------|-------------|------|----------------------|------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | F I a g | Snow, Ice Pellets, Hail (in) | | | F I a g | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. | Min. |
| 2017 | 04 | 01 | 56 | 45 | | 0.04 | | 0.0 | 0.0 | | | | | | | | |
| 2017 | 04 | 02 | 55 | 41 | | 0.04 | | 0.0 | | | | | | | | | |
| 2017 | 04 | 03 | 53 | 40 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 04 | 04 | 61 | 43 | | 0.12 | | 0.0 | | | | | | | | | |
| 2017 | 04 | 05 | 54 | 48 | | 0.46 | | 0.0 | | | | | | | | | |
| 2017 | 04 | 06 | 60 | 47 | | 0.26 | | 0.0 | | | | | | | | | |
| 2017 | 04 | 07 | 59 | 46 | | 0.10 | | 0.0 | | | | | | | | | |
| 2017 | 04 | 08 | 52 | 41 | | 0.01 | | 0.0 | | | | | | | | | |
| 2017 | 04 | 09 | 56 | 39 | | T | | 0.0 | | | | | | | | | |
| 2017 | 04 | 10 | 53 | 41 | | 0.38 | | 0.0 | | | | | | | | | |
| 2017 | 04 | 11 | 57 | 38 | | 0.02 | | 0.0 | | | | | | | | | |
| 2017 | 04 | 12 | 59 | 45 | | 0.85 | | 0.0 | | | | | | | | | |
| 2017 | 04 | 13 | 54 | 43 | | 0.08 | | 0.0 | | | | | | | | | |
| 2017 | 04 | 14 | 52 | 42 | | 0.01 | | 0.0 | | | | | | | | | |
| 2017 | 04 | 15 | 57 | 41 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 04 | 16 | 66 | 42 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 04 | 17 | 60 | 50 | | 0.07 | | 0.0 | | | | | | | | | |
| 2017 | 04 | 18 | 60 | 48 | | 0.48 | | 0.0 | | | | | | | | | |
| 2017 | 04 | 19 | 56 | 46 | | 0.35 | | 0.0 | | | | | | | | | |
| 2017 | 04 | 20 | 58 | 44 | | 0.01 | | 0.0 | | | | | | | | | |
| 2017 | 04 | 21 | 66 | 43 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 04 | 22 | 63 | 48 | | 0.07 | | 0.0 | | | | | | | | | |
| 2017 | 04 | 23 | 53 | 45 | | 0.49 | | 0.0 | | | | | | | | | |
| 2017 | 04 | 24 | 57 | 45 | | 0.06 | | 0.0 | | | | | | | | | |
| 2017 | 04 | 25 | 56 | 47 | | 0.05 | | 0.0 | | | | | | | | | |
| 2017 | 04 | 26 | 58 | 45 | | T | | 0.0 | | | | | | | | | |
| 2017 | 04 | 27 | 56 | 44 | | 0.04 | | 0.0 | | | | | | | | | |
| 2017 | 04 | 28 | 59 | 43 | | T | | 0.0 | | | | | | | | | |
| 2017 | 04 | 29 | 57 | 42 | | 0.14 | | 0.0 | | | | | | | | | |
| 2017 | 04 | 30 | 56 | 47 | | 0.08 | | 0.0 | | | | | | | | | |
| Summary | | | 57 | 44 | | 4.21 | | 0.0 | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard Imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|------|------------------------------|----------------------------|----------------------|----------------------|----------------------|-------------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | Fall | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2017 | 05 | 01 | 50 | 45 | | 0.03 | | 0.0 | | | | | | | | |
| 2017 | 05 | 02 | 61 | 43 | | 0.13 | | 0.0 | | | | | | | | |
| 2017 | 05 | 03 | 74 | 55 | | 0.11 | | 0.0 | | | | | | | | |
| 2017 | 05 | 04 | 76 | 53 | | 0.44 | | 0.0 | | | | | | | | |
| 2017 | 05 | 05 | 59 | 46 | | 0.25 | | 0.0 | | | | | | | | |
| 2017 | 05 | 06 | 60 | 43 | | 0.02 | | 0.0 | | | | | | | | |
| 2017 | 05 | 07 | 62 | 45 | | 0.00 | | 0.0 | | | | | | | | |
| 2017 | 05 | 08 | 64 | 46 | | 0.00 | | 0.0 | | | | | | | | |
| 2017 | 05 | 09 | 70 | 47 | | 0.00 | | 0.0 | | | | | | | | |
| 2017 | 05 | 10 | 71 | 51 | | 0.00 | | 0.0 | | | | | | | | |
| 2017 | 05 | 11 | 60 | 46 | | 0.47 | | 0.0 | | | | | | | | |
| 2017 | 05 | 12 | 54 | 43 | | 0.16 | | 0.0 | | | | | | | | |
| 2017 | 05 | 13 | 57 | 45 | | 0.03 | | 0.0 | | | | | | | | |
| 2017 | 05 | 14 | 59 | 47 | | 0.04 | | 0.0 | | | | | | | | |
| 2017 | 05 | 15 | 52 | 46 | | 0.33 | | 0.0 | | | | | | | | |
| 2017 | 05 | 16 | 54 | 45 | | 0.15 | | 0.0 | | | | | | | | |
| 2017 | 05 | 17 | 60 | 45 | | 0.00 | | 0.0 | | | | | | | | |
| 2017 | 05 | 18 | 64 | 48 | | 0.00 | | 0.0 | | | | | | | | |
| 2017 | 05 | 19 | 71 | 50 | | 0.00 | | 0.0 | | | | | | | | |
| 2017 | 05 | 20 | 72 | 53 | | 0.00 | | 0.0 | | | | | | | | |
| 2017 | 05 | 21 | 76 | 52 | | 0.00 | | 0.0 | | | | | | | | |
| 2017 | 05 | 22 | 83 | 56 | | 0.00 | | 0.0 | | | | | | | | |
| 2017 | 05 | 23 | 78 | 53 | | 0.00 | | 0.0 | | | | | | | | |
| 2017 | 05 | 24 | 63 | 46 | | 0.00 | | 0.0 | | | | | | | | |
| 2017 | 05 | 25 | 70 | 47 | | 0.00 | | 0.0 | | | | | | | | |
| 2017 | 05 | 26 | 81 | 51 | | 0.00 | | 0.0 | | | | | | | | |
| 2017 | 05 | 27 | 86 | 55 | | 0.00 | | 0.0 | | | | | | | | |
| 2017 | 05 | 28 | 86 | 56 | | 0.00 | | 0.0 | | | | | | | | |
| 2017 | 05 | 29 | 74 | 52 | | 0.00 | | 0.0 | | | | | | | | |
| 2017 | 05 | 30 | 58 | 52 | | 0.01 | | 0.0 | | | | | | | | |
| 2017 | 05 | 31 | 72 | 52 | | 0.11 | | 0.0 | | | | | | | | |
| Summary | | | 67 | 49 | | 2.28 | | 0.0 | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

| Y e a r | M o n t h | D a y | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | | |
|------------------|-----------------------|-------------|------------------------------------|------|---------------|--|------------------|------------------------------|----------------------------|----------------------|----------------------|---|----------------------|------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | F l a g | Snow, Ice Pellets, Hail (in) | | | F l a g | Snow, Ice Pellets, Hail, Ice on Ground (in) | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2017 | 06 | 01 | 67 | 56 | | 0.02 | | 0.0 | 0.0 | | | | | | | | |
| 2017 | 06 | 02 | 73 | 53 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 06 | 03 | 67 | 53 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 06 | 04 | 67 | 52 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 06 | 05 | 74 | 50 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 06 | 06 | 84 | 53 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 06 | 07 | 79 | 56 | | 0.03 | | 0.0 | | | | | | | | | |
| 2017 | 06 | 08 | 63 | 54 | | 0.31 | | 0.0 | | | | | | | | | |
| 2017 | 06 | 09 | 63 | 50 | | 0.05 | | 0.0 | | | | | | | | | |
| 2017 | 06 | 10 | 67 | 48 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 06 | 11 | 70 | 52 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 06 | 12 | 64 | 52 | | T | | 0.0 | | | | | | | | | |
| 2017 | 06 | 13 | 65 | 52 | | T | | 0.0 | | | | | | | | | |
| 2017 | 06 | 14 | 65 | 51 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 06 | 15 | 61 | 53 | | 1.05 | | 0.0 | | | | | | | | | |
| 2017 | 06 | 16 | 68 | 53 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 06 | 17 | 63 | 51 | | 0.06 | | 0.0 | | | | | | | | | |
| 2017 | 06 | 18 | 71 | 55 | | T | | 0.0 | | | | | | | | | |
| 2017 | 06 | 19 | 74 | 56 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 06 | 20 | 73 | 56 | | T | | 0.0 | | | | | | | | | |
| 2017 | 06 | 21 | 69 | 53 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 06 | 22 | 75 | 50 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 06 | 23 | 81 | 55 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 06 | 24 | 89 | 61 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 06 | 25 | 96 | 64 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 06 | 26 | 72 | 55 | | T | | 0.0 | | | | | | | | | |
| 2017 | 06 | 27 | 71 | 53 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 06 | 28 | 68 | 54 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 06 | 29 | 78 | 53 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 06 | 30 | 86 | 57 | | 0.00 | | 0.0 | | | | | | | | | |
| Summary | | | 72 | 54 | | 1.52 | | 0.0 | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard Imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|------|------------------------------|----------------------------|----------------------|----------------------|---|----------------------|------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | Fall | Snow, Ice Pellets, Hail, Ice on Ground (in) | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2017 | 07 | 01 | 72 | 55 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 07 | 02 | 77 | 54 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 07 | 03 | 70 | 56 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 07 | 04 | 78 | 53 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 07 | 05 | 85 | 57 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 07 | 06 | 85 | 55 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 07 | 07 | 72 | 55 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 07 | 08 | 81 | 58 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 07 | 09 | 80 | 56 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 07 | 10 | 73 | 58 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 07 | 11 | 75 | 54 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 07 | 12 | 78 | 54 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 07 | 13 | 75 | 57 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 07 | 14 | 79 | 57 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 07 | 15 | 77 | 54 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 07 | 16 | 72 | 55 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 07 | 17 | 78 | 55 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 07 | 18 | 82 | 56 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 07 | 19 | 78 | 53 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 07 | 20 | 74 | 59 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 07 | 21 | 78 | 55 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 07 | 22 | 85 | 63 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 07 | 23 | 76 | 62 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 07 | 24 | 82 | 56 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 07 | 25 | 87 | 58 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 07 | 26 | 84 | 56 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 07 | 27 | 70 | 57 | | T | | 0.0 | | | | | | | | | |
| 2017 | 07 | 28 | 79 | 56 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 07 | 29 | 81 | 54 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 07 | 30 | 80 | 58 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 07 | 31 | 85 | 60 | | 0.00 | | 0.0 | | | | | | | | | |
| Summary | | | 78 | 56 | | 0.00 | | 0.0 | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement. is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|------|------------------------------|----------------------------|----------------------|----------------------|---|----------------------|------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | Fall | Snow, Ice Pellets, Hail, Ice on Ground (in) | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2017 | 08 | 01 | 87 | 60 | | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2017 | 08 | 02 | 91 | 69 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 08 | 03 | 94 | 68 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 08 | 04 | 91 | 62 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 08 | 05 | 82 | 58 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 08 | 06 | 82 | 58 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 08 | 07 | 84 | 57 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 08 | 08 | 89 | 59 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 08 | 09 | 91 | 61 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 08 | 10 | 90 | 60 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 08 | 11 | 77 | 57 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 08 | 12 | 76 | 58 | | 0.02 | | 0.0 | | | | | | | | | |
| 2017 | 08 | 13 | 74 | 60 | | T | | 0.0 | | | | | | | | | |
| 2017 | 08 | 14 | 73 | 56 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 08 | 15 | 78 | 55 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 08 | 16 | 79 | 57 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 08 | 17 | 75 | 59 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 08 | 18 | 73 | 55 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 08 | 19 | 76 | 58 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 08 | 20 | 77 | 56 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 08 | 21 | 83 | 57 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 08 | 22 | 86 | 60 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 08 | 23 | 75 | 59 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 08 | 24 | 72 | 58 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 08 | 25 | 76 | 54 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 08 | 26 | 84 | 54 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 08 | 27 | 87 | 61 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 08 | 28 | 88 | 62 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 08 | 29 | 85 | 60 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 08 | 30 | 77 | 60 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 08 | 31 | 75 | 61 | | 0.00 | | 0.0 | | | | | | | | | |
| Summary | | | 82 | 59 | | 0.02 | | 0.0 | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement. is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Current Location: Elev: 370 ft, Lat: 47.4444° N Lon: -122.3138° W
Station: **SEATTLE TACOMA AIRPORT, WA US USW00024233**

Record of Climatological Observations
These data are quality controlled and may not be identical to the original observations.
Generated on 04/12/2021

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801
Observation Time Temperature: Unknown Observation Time Precipitation: 2400

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---------|-------|-----|------------------------------------|------|--|------|------------------------------|--------------|----------------------------|----------------------|----------------------|----------------------|-------------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | 24 Hour Amounts Ending at Observation Time | | | At Obs. Time | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | |
| | | | Max. | Min. | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | | Fall | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2017 | 09 | 01 | 85 | 57 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2017 | 09 | 02 | 90 | 62 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2017 | 09 | 03 | 90 | 65 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2017 | 09 | 04 | 88 | 65 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2017 | 09 | 05 | 85 | 66 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2017 | 09 | 06 | 81 | 63 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2017 | 09 | 07 | 75 | 61 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2017 | 09 | 08 | 71 | 60 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2017 | 09 | 09 | 68 | 59 | T | | 0.0 | | 0.0 | | | | | | | |
| 2017 | 09 | 10 | 73 | 55 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2017 | 09 | 11 | 80 | 52 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2017 | 09 | 12 | 77 | 57 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2017 | 09 | 13 | 70 | 53 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2017 | 09 | 14 | 74 | 54 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2017 | 09 | 15 | 76 | 50 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2017 | 09 | 16 | 76 | 53 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2017 | 09 | 17 | 64 | 54 | 0.15 | | 0.0 | | 0.0 | | | | | | | |
| 2017 | 09 | 18 | 62 | 50 | 0.16 | | 0.0 | | 0.0 | | | | | | | |
| 2017 | 09 | 19 | 64 | 50 | 0.04 | | 0.0 | | 0.0 | | | | | | | |
| 2017 | 09 | 20 | 57 | 50 | 0.13 | | 0.0 | | 0.0 | | | | | | | |
| 2017 | 09 | 21 | 64 | 50 | 0.02 | | 0.0 | | 0.0 | | | | | | | |
| 2017 | 09 | 22 | 68 | 51 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2017 | 09 | 23 | 68 | 54 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2017 | 09 | 24 | 72 | 50 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2017 | 09 | 25 | 65 | 56 | 0.01 | | 0.0 | | 0.0 | | | | | | | |
| 2017 | 09 | 26 | 74 | 55 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2017 | 09 | 27 | 80 | 54 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2017 | 09 | 28 | 86 | 55 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2017 | 09 | 29 | 67 | 54 | 0.07 | | 0.0 | | 0.0 | | | | | | | |
| 2017 | 09 | 30 | 64 | 52 | 0.01 | | 0.0 | | 0.0 | | | | | | | |
| Summary | | | 74 | 56 | 0.59 | | 0.0 | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 9=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard Imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|------|------------------------------|----------------------------|----------------------|----------------------|---|----------------------|------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | Fall | Snow, Ice Pellets, Hail, Ice on Ground (in) | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2017 | 10 | 01 | 62 | 50 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 10 | 02 | 62 | 47 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 10 | 03 | 69 | 44 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 10 | 04 | 68 | 45 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 10 | 05 | 69 | 45 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 10 | 06 | 66 | 46 | | 0.01 | | 0.0 | | | | | | | | | |
| 2017 | 10 | 07 | 62 | 49 | | 0.01 | | 0.0 | | | | | | | | | |
| 2017 | 10 | 08 | 62 | 46 | | 0.01 | | 0.0 | | | | | | | | | |
| 2017 | 10 | 09 | 64 | 43 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 10 | 10 | 60 | 45 | | T | | 0.0 | | | | | | | | | |
| 2017 | 10 | 11 | 57 | 43 | | 0.17 | | 0.0 | | | | | | | | | |
| 2017 | 10 | 12 | 50 | 45 | | 0.38 | | 0.0 | | | | | | | | | |
| 2017 | 10 | 13 | 54 | 41 | | T | | 0.0 | | | | | | | | | |
| 2017 | 10 | 14 | 56 | 38 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 10 | 15 | 63 | 41 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 10 | 16 | 62 | 42 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 10 | 17 | 60 | 49 | | 0.06 | | 0.0 | | | | | | | | | |
| 2017 | 10 | 18 | 64 | 47 | | 1.35 | | 0.0 | | | | | | | | | |
| 2017 | 10 | 19 | 54 | 50 | | 1.04 | | 0.0 | | | | | | | | | |
| 2017 | 10 | 20 | 53 | 46 | | 0.13 | | 0.0 | | | | | | | | | |
| 2017 | 10 | 21 | 58 | 45 | | 1.61 | | 0.0 | | | | | | | | | |
| 2017 | 10 | 22 | 60 | 50 | | 0.02 | | 0.0 | | | | | | | | | |
| 2017 | 10 | 23 | 65 | 49 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 10 | 24 | 66 | 46 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 10 | 25 | 59 | 44 | | 0.01 | | 0.0 | | | | | | | | | |
| 2017 | 10 | 26 | 58 | 49 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 10 | 27 | 66 | 46 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 10 | 28 | 68 | 44 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 10 | 29 | 56 | 46 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 10 | 30 | 63 | 45 | | 0.00 | | 0.0 | | | | | | | | | |
| 2017 | 10 | 31 | 58 | 38 | | 0.00 | | 0.0 | | | | | | | | | |
| Summary | | | 61 | 45 | | 4.80 | | 0.0 | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement. is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|------|------------------------------|----------------------------|----------------------|----------------------|----------------------|-------------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | Fall | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2017 | 11 | 01 | 55 | 47 | | 0.01 | | 0.0 | | | | | | | | |
| 2017 | 11 | 02 | 50 | 42 | | 0.19 | | 0.0 | | | | | | | | |
| 2017 | 11 | 03 | 43 | 33 | | 0.30 | | T | | | | | | | | |
| 2017 | 11 | 04 | 41 | 35 | | 0.42 | | 0.0 | | | | | | | | |
| 2017 | 11 | 05 | 40 | 33 | | 0.61 | | 0.4 | | T | | | | | | |
| 2017 | 11 | 06 | 47 | 36 | | 0.00 | | 0.0 | | 0.0 | | | | | | |
| 2017 | 11 | 07 | 48 | 38 | | 0.00 | | 0.0 | | 0.0 | | | | | | |
| 2017 | 11 | 08 | 54 | 45 | | 0.15 | | 0.0 | | 0.0 | | | | | | |
| 2017 | 11 | 09 | 50 | 43 | | 0.42 | | 0.0 | | 0.0 | | | | | | |
| 2017 | 11 | 10 | 51 | 41 | | 0.01 | | 0.0 | | 0.0 | | | | | | |
| 2017 | 11 | 11 | 52 | 43 | | 0.05 | | 0.0 | | 0.0 | | | | | | |
| 2017 | 11 | 12 | 57 | 47 | | 0.52 | | 0.0 | | 0.0 | | | | | | |
| 2017 | 11 | 13 | 55 | 45 | | 0.81 | | 0.0 | | 0.0 | | | | | | |
| 2017 | 11 | 14 | 54 | 44 | | 0.05 | | 0.0 | | 0.0 | | | | | | |
| 2017 | 11 | 15 | 53 | 43 | | 0.46 | | 0.0 | | 0.0 | | | | | | |
| 2017 | 11 | 16 | 44 | 42 | | 0.16 | | 0.0 | | 0.0 | | | | | | |
| 2017 | 11 | 17 | 50 | 42 | | 0.00 | | 0.0 | | 0.0 | | | | | | |
| 2017 | 11 | 18 | 52 | 41 | | 0.00 | | 0.0 | | 0.0 | | | | | | |
| 2017 | 11 | 19 | 53 | 39 | | 0.58 | | 0.0 | | 0.0 | | | | | | |
| 2017 | 11 | 20 | 50 | 41 | | 0.63 | | 0.0 | | 0.0 | | | | | | |
| 2017 | 11 | 21 | 60 | 38 | | 1.14 | | 0.0 | | 0.0 | | | | | | |
| 2017 | 11 | 22 | 68 | 56 | | 0.52 | | 0.0 | | 0.0 | | | | | | |
| 2017 | 11 | 23 | 59 | 48 | | 0.20 | | 0.0 | | 0.0 | | | | | | |
| 2017 | 11 | 24 | 52 | 46 | | 0.01 | | 0.0 | | 0.0 | | | | | | |
| 2017 | 11 | 25 | 51 | 43 | | 0.19 | | 0.0 | | 0.0 | | | | | | |
| 2017 | 11 | 26 | 58 | 42 | | 0.25 | | 0.0 | | 0.0 | | | | | | |
| 2017 | 11 | 27 | 50 | 42 | | T | | 0.0 | | 0.0 | | | | | | |
| 2017 | 11 | 28 | 47 | 43 | | 0.68 | | 0.0 | | 0.0 | | | | | | |
| 2017 | 11 | 29 | 50 | 41 | | 0.00 | | 0.0 | | 0.0 | | | | | | |
| 2017 | 11 | 30 | 46 | 41 | | 0.27 | | 0.0 | | 0.0 | | | | | | |
| Summary | | | 51 | 42 | | 8.63 | | 0.4 | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard Imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|------|------------------------------|----------------------------|----------------------|----------------------|----------------------|-------------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | Fall | Ground Cover (see *) | Max. | Ground Cover (see *) | Min. |
| 2017 | 12 | 01 | 48 | 38 | | 0.27 | | 0.0 | | | | | | | |
| 2017 | 12 | 02 | 44 | 41 | | 0.79 | | 0.0 | | | | | | | |
| 2017 | 12 | 03 | 46 | 39 | | 0.05 | | 0.0 | | | | | | | |
| 2017 | 12 | 04 | 45 | 34 | | 0.00 | | 0.0 | | | | | | | |
| 2017 | 12 | 05 | 45 | 33 | | 0.00 | | 0.0 | | | | | | | |
| 2017 | 12 | 06 | 52 | 36 | | 0.00 | | 0.0 | | | | | | | |
| 2017 | 12 | 07 | 52 | 34 | | 0.00 | | 0.0 | | | | | | | |
| 2017 | 12 | 08 | 43 | 29 | | 0.00 | | 0.0 | | | | | | | |
| 2017 | 12 | 09 | 44 | 29 | | 0.00 | | 0.0 | | | | | | | |
| 2017 | 12 | 10 | 49 | 34 | | 0.00 | | 0.0 | | | | | | | |
| 2017 | 12 | 11 | 49 | 29 | | 0.00 | | 0.0 | | | | | | | |
| 2017 | 12 | 12 | 46 | 32 | | 0.00 | | 0.0 | | | | | | | |
| 2017 | 12 | 13 | 48 | 34 | | 0.00 | | 0.0 | | | | | | | |
| 2017 | 12 | 14 | 50 | 36 | | 0.00 | | 0.0 | | | | | | | |
| 2017 | 12 | 15 | 43 | 37 | | 0.06 | | 0.0 | | | | | | | |
| 2017 | 12 | 16 | 45 | 37 | | 0.14 | | 0.0 | | | | | | | |
| 2017 | 12 | 17 | 50 | 42 | | 0.03 | | 0.0 | | | | | | | |
| 2017 | 12 | 18 | 49 | 41 | | 0.70 | | 0.0 | | | | | | | |
| 2017 | 12 | 19 | 50 | 40 | | 1.00 | | 0.0 | | | | | | | |
| 2017 | 12 | 20 | 49 | 32 | | 0.13 | | 0.0 | | | | | | | |
| 2017 | 12 | 21 | 41 | 29 | | 0.01 | | 0.0 | | | | | | | |
| 2017 | 12 | 22 | 40 | 35 | | 0.09 | | 0.0 | | | | | | | |
| 2017 | 12 | 23 | 38 | 29 | | 0.00 | | 0.0 | | | | | | | |
| 2017 | 12 | 24 | 38 | 28 | | 0.12 | | 1.6 | | | | | | | |
| 2017 | 12 | 25 | 35 | 31 | | 0.09 | | 1.0 | | | | | | | |
| 2017 | 12 | 26 | 39 | 31 | | 0.00 | | 0.0 | | | | | | | |
| 2017 | 12 | 27 | 41 | 33 | | 0.00 | | 0.0 | | | | | | | |
| 2017 | 12 | 28 | 48 | 38 | | 0.34 | | 0.0 | | | | | | | |
| 2017 | 12 | 29 | 54 | 39 | | 1.50 | | 0.0 | | | | | | | |
| 2017 | 12 | 30 | 48 | 38 | | 0.11 | | 0.0 | | | | | | | |
| 2017 | 12 | 31 | 43 | 33 | | 0.00 | | 0.0 | | | | | | | |
| Summary | | | 46 | 35 | | 5.43 | | 2.6 | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement. is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|------|------------------------------|----------------------------|----------------------|----------------------|----------------------|-------------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | Fall | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2018 | 01 | 01 | 44 | 31 | | 0.00 | | 0.0 | | | | | | | | |
| 2018 | 01 | 02 | 44 | 34 | | 0.00 | | 0.0 | | | | | | | | |
| 2018 | 01 | 03 | 49 | 33 | | 0.00 | | 0.0 | | | | | | | | |
| 2018 | 01 | 04 | 47 | 35 | | 0.13 | | 0.0 | | | | | | | | |
| 2018 | 01 | 05 | 51 | 45 | | 0.51 | | 0.0 | | | | | | | | |
| 2018 | 01 | 06 | 48 | 42 | | 0.17 | | 0.0 | | | | | | | | |
| 2018 | 01 | 07 | 45 | 41 | | 0.33 | | 0.0 | | | | | | | | |
| 2018 | 01 | 08 | 49 | 43 | | 0.16 | | 0.0 | | | | | | | | |
| 2018 | 01 | 09 | 50 | 43 | | 0.18 | | 0.0 | | | | | | | | |
| 2018 | 01 | 10 | 45 | 41 | | 0.17 | | 0.0 | | | | | | | | |
| 2018 | 01 | 11 | 50 | 42 | | 1.12 | | 0.0 | | | | | | | | |
| 2018 | 01 | 12 | 51 | 48 | | 0.10 | | 0.0 | | | | | | | | |
| 2018 | 01 | 13 | 58 | 45 | | 0.01 | | 0.0 | | | | | | | | |
| 2018 | 01 | 14 | 56 | 40 | | 0.00 | | 0.0 | | | | | | | | |
| 2018 | 01 | 15 | 64 | 41 | | 0.06 | | 0.0 | | | | | | | | |
| 2018 | 01 | 16 | 56 | 44 | | 0.19 | | 0.0 | | | | | | | | |
| 2018 | 01 | 17 | 56 | 45 | | 0.43 | | 0.0 | | | | | | | | |
| 2018 | 01 | 18 | 52 | 39 | | 0.40 | | 0.0 | | | | | | | | |
| 2018 | 01 | 19 | 46 | 38 | | 0.03 | | 0.0 | | | | | | | | |
| 2018 | 01 | 20 | 49 | 39 | | 0.08 | | 0.0 | | | | | | | | |
| 2018 | 01 | 21 | 51 | 39 | | 0.11 | | 0.0 | | | | | | | | |
| 2018 | 01 | 22 | 47 | 40 | | 0.36 | | 0.0 | | | | | | | | |
| 2018 | 01 | 23 | 48 | 40 | | 0.88 | | 0.0 | | | | | | | | |
| 2018 | 01 | 24 | 49 | 41 | | 0.44 | | 0.0 | | | | | | | | |
| 2018 | 01 | 25 | 44 | 37 | | 0.15 | | 0.0 | | | | | | | | |
| 2018 | 01 | 26 | 42 | 38 | | 0.41 | | 0.0 | | | | | | | | |
| 2018 | 01 | 27 | 48 | 41 | | 0.55 | | 0.0 | | | | | | | | |
| 2018 | 01 | 28 | 57 | 43 | | 0.06 | | 0.0 | | | | | | | | |
| 2018 | 01 | 29 | 52 | 43 | | 1.09 | | 0.0 | | | | | | | | |
| 2018 | 01 | 30 | 47 | 39 | | T | | 0.0 | | | | | | | | |
| 2018 | 01 | 31 | 45 | 39 | | T | | 0.0 | | | | | | | | |
| Summary | | | 50 | 40 | | 8.12 | | 0.0 | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement. is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---------|-------|-----|------------------------------------|------|--|------|------------------------------|------|--------------|----------------------------|----------------------|----------------------|------|-------------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | 24 Hour Amounts Ending at Observation Time | | | | At Obs. Time | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | |
| | | | Max. | Min. | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | Fall | | | | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2018 | 02 | 01 | 46 | 43 | | 0.57 | | 0.0 | 0.0 | | | | | | | |
| 2018 | 02 | 02 | 53 | 45 | | 0.08 | | 0.0 | 0.0 | | | | | | | |
| 2018 | 02 | 03 | 51 | 48 | | 0.14 | | 0.0 | 0.0 | | | | | | | |
| 2018 | 02 | 04 | 55 | 49 | | 0.01 | | 0.0 | 0.0 | | | | | | | |
| 2018 | 02 | 05 | 50 | 46 | | 0.03 | | 0.0 | 0.0 | | | | | | | |
| 2018 | 02 | 06 | 48 | 44 | | 0.05 | | 0.0 | 0.0 | | | | | | | |
| 2018 | 02 | 07 | 54 | 47 | | 0.00 | | 0.0 | 0.0 | | | | | | | |
| 2018 | 02 | 08 | 53 | 42 | | 0.05 | | 0.0 | 0.0 | | | | | | | |
| 2018 | 02 | 09 | 49 | 39 | | T | | 0.0 | 0.0 | | | | | | | |
| 2018 | 02 | 10 | 46 | 33 | | 0.00 | | 0.0 | 0.0 | | | | | | | |
| 2018 | 02 | 11 | 46 | 33 | | 0.00 | | 0.0 | 0.0 | | | | | | | |
| 2018 | 02 | 12 | 47 | 32 | | 0.00 | | 0.0 | 0.0 | | | | | | | |
| 2018 | 02 | 13 | 48 | 29 | | 0.14 | | 0.0 | 0.0 | | | | | | | |
| 2018 | 02 | 14 | 44 | 37 | | 0.10 | | 0.0 | 0.0 | | | | | | | |
| 2018 | 02 | 15 | 45 | 36 | | 0.01 | | 0.0 | 0.0 | | | | | | | |
| 2018 | 02 | 16 | 47 | 40 | | 0.11 | | 0.0 | 0.0 | | | | | | | |
| 2018 | 02 | 17 | 49 | 39 | | 0.30 | | 0.0 | 0.0 | | | | | | | |
| 2018 | 02 | 18 | 39 | 30 | | 0.06 | | T | 0.0 | | | | | | | |
| 2018 | 02 | 19 | 37 | 28 | | 0.00 | | 0.0 | 0.0 | | | | | | | |
| 2018 | 02 | 20 | 36 | 27 | | T | | T | 0.0 | | | | | | | |
| 2018 | 02 | 21 | 34 | 26 | | 0.06 | | 1.0 | 0.0 | | | | | | | |
| 2018 | 02 | 22 | 38 | 26 | | T | | T | 1.2 | | | | | | | |
| 2018 | 02 | 23 | 40 | 24 | | 0.03 | | T | 0.0 | | | | | | | |
| 2018 | 02 | 24 | 45 | 36 | | 0.06 | | T | 0.0 | | | | | | | |
| 2018 | 02 | 25 | 43 | 35 | | 0.20 | | 0.0 | 0.0 | | | | | | | |
| 2018 | 02 | 26 | 45 | 32 | | 0.00 | | 0.0 | 0.0 | | | | | | | |
| 2018 | 02 | 27 | 47 | 37 | | 0.01 | | 0.0 | 0.0 | | | | | | | |
| 2018 | 02 | 28 | 47 | 39 | | 0.15 | | 0.0 | 0.0 | | | | | | | |
| Summary | | | 46 | 37 | | 2.16 | | 1.0 | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|------|------------------------------|--------------|----------------------------|----------------------|-------------|----------------------|-------------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | At Obs. Time | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | | Fall | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2018 | 03 | 01 | 51 | 37 | | 0.03 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 03 | 02 | 45 | 37 | | 0.18 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 03 | 03 | 52 | 34 | | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 03 | 04 | 48 | 33 | | 0.13 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 03 | 05 | 47 | 39 | | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 03 | 06 | 53 | 37 | | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 03 | 07 | 50 | 35 | | 0.04 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 03 | 08 | 52 | 39 | | 0.35 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 03 | 09 | 52 | 40 | | T | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 03 | 10 | 59 | 34 | | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 03 | 11 | 64 | 39 | | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 03 | 12 | 73 | 42 | | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 03 | 13 | 64 | 44 | | 0.27 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 03 | 14 | 53 | 40 | | 0.03 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 03 | 15 | 56 | 35 | | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 03 | 16 | 58 | 39 | | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 03 | 17 | 54 | 38 | | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 03 | 18 | 55 | 39 | | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 03 | 19 | 55 | 37 | | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 03 | 20 | 56 | 36 | | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 03 | 21 | 58 | 36 | | 0.10 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 03 | 22 | 49 | 39 | | 0.46 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 03 | 23 | 49 | 34 | | 0.35 | T | 0.0 | | 0.0 | | | | | | | |
| 2018 | 03 | 24 | 47 | 34 | | 0.23 | T | 0.0 | | 0.0 | | | | | | | |
| 2018 | 03 | 25 | 52 | 37 | | 0.04 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 03 | 26 | 46 | 40 | | 0.15 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 03 | 27 | 52 | 45 | | 0.08 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 03 | 28 | 54 | 44 | | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 03 | 29 | 55 | 43 | | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 03 | 30 | 57 | 46 | | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 03 | 31 | 59 | 45 | | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| Summary | | | 54 | 39 | | 2.44 | | 0.0 | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|---------|------------------------------|----------------------------|----------------------|----------------------|----------------------|-------------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | F I a g | Snow, Ice Pellets, Hail (in) | | | F I a g | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2018 | 04 | 01 | 50 | 38 | | T | | 0.0 | | | | | | | | |
| 2018 | 04 | 02 | 53 | 36 | | 0.00 | | 0.0 | | | | | | | | |
| 2018 | 04 | 03 | 50 | 39 | | 0.00 | | 0.0 | | | | | | | | |
| 2018 | 04 | 04 | 50 | 41 | | 0.29 | | 0.0 | | | | | | | | |
| 2018 | 04 | 05 | 56 | 46 | | 0.21 | | 0.0 | | | | | | | | |
| 2018 | 04 | 06 | 65 | 49 | | 0.05 | | 0.0 | | | | | | | | |
| 2018 | 04 | 07 | 62 | 46 | | 0.82 | | 0.0 | | | | | | | | |
| 2018 | 04 | 08 | 51 | 46 | | 0.39 | | 0.0 | | | | | | | | |
| 2018 | 04 | 09 | 62 | 44 | | 0.00 | | 0.0 | | | | | | | | |
| 2018 | 04 | 10 | 60 | 46 | | 0.18 | | 0.0 | | | | | | | | |
| 2018 | 04 | 11 | 54 | 42 | | 0.21 | | 0.0 | | | | | | | | |
| 2018 | 04 | 12 | 51 | 41 | | 0.11 | | 0.0 | | | | | | | | |
| 2018 | 04 | 13 | 53 | 43 | | 0.66 | | 0.0 | | | | | | | | |
| 2018 | 04 | 14 | 53 | 45 | | 1.70 | | 0.0 | | | | | | | | |
| 2018 | 04 | 15 | 51 | 43 | | 0.12 | | 0.0 | | | | | | | | |
| 2018 | 04 | 16 | 47 | 41 | | 0.59 | | 0.0 | | | | | | | | |
| 2018 | 04 | 17 | 53 | 42 | | 0.01 | | 0.0 | | | | | | | | |
| 2018 | 04 | 18 | 60 | 41 | | 0.00 | | 0.0 | | | | | | | | |
| 2018 | 04 | 19 | 62 | 41 | | 0.00 | | 0.0 | | | | | | | | |
| 2018 | 04 | 20 | 63 | 43 | | 0.00 | | 0.0 | | | | | | | | |
| 2018 | 04 | 21 | 56 | 45 | | 0.03 | | 0.0 | | | | | | | | |
| 2018 | 04 | 22 | 59 | 44 | | 0.00 | | 0.0 | | | | | | | | |
| 2018 | 04 | 23 | 69 | 41 | | 0.00 | | 0.0 | | | | | | | | |
| 2018 | 04 | 24 | 77 | 49 | | 0.00 | | 0.0 | | | | | | | | |
| 2018 | 04 | 25 | 75 | 51 | | 0.00 | | 0.0 | | | | | | | | |
| 2018 | 04 | 26 | 82 | 51 | | 0.00 | | 0.0 | | | | | | | | |
| 2018 | 04 | 27 | 58 | 49 | | 0.01 | | 0.0 | | | | | | | | |
| 2018 | 04 | 28 | 55 | 47 | | 0.31 | | 0.0 | | | | | | | | |
| 2018 | 04 | 29 | 61 | 46 | | 0.00 | | 0.0 | | | | | | | | |
| 2018 | 04 | 30 | 59 | 47 | | T | | 0.0 | | | | | | | | |
| Summary | | | 59 | 44 | | 5.69 | | 0.0 | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard Imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|------|------------------------------|----------------------------|----------------------|----------------------|---|----------------------|------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | Fall | Snow, Ice Pellets, Hail, Ice on Ground (in) | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2018 | 05 | 01 | 62 | 48 | | T | | 0.0 | | | | | | | | | |
| 2018 | 05 | 02 | 70 | 45 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 05 | 03 | 74 | 50 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 05 | 04 | 64 | 50 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 05 | 05 | 68 | 48 | | 0.01 | | 0.0 | | | | | | | | | |
| 2018 | 05 | 06 | 77 | 52 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 05 | 07 | 69 | 53 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 05 | 08 | 75 | 50 | | 0.03 | | 0.0 | | | | | | | | | |
| 2018 | 05 | 09 | 67 | 52 | | T | | 0.0 | | | | | | | | | |
| 2018 | 05 | 10 | 62 | 50 | | 0.04 | | 0.0 | | | | | | | | | |
| 2018 | 05 | 11 | 67 | 50 | | T | | 0.0 | | | | | | | | | |
| 2018 | 05 | 12 | 77 | 49 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 05 | 13 | 85 | 52 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 05 | 14 | 88 | 58 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 05 | 15 | 69 | 54 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 05 | 16 | 68 | 53 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 05 | 17 | 67 | 53 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 05 | 18 | 66 | 53 | | T | | 0.0 | | | | | | | | | |
| 2018 | 05 | 19 | 72 | 53 | | 0.04 | | 0.0 | | | | | | | | | |
| 2018 | 05 | 20 | 68 | 55 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 05 | 21 | 72 | 54 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 05 | 22 | 79 | 51 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 05 | 23 | 80 | 55 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 05 | 24 | 70 | 54 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 05 | 25 | 68 | 52 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 05 | 26 | 68 | 52 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 05 | 27 | 75 | 51 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 05 | 28 | 70 | 52 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 05 | 29 | 65 | 50 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 05 | 30 | 67 | 48 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 05 | 31 | 67 | 49 | | T | | 0.0 | | | | | | | | | |
| Summary | | | 71 | 51 | | 0.12 | | 0.0 | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Current Location: Elev: 370 ft. Lat: 47.4444° N Lon: -122.3138° W
Station: **SEATTLE TACOMA AIRPORT, WA US USW00024233**

Record of Climatological Observations
These data are quality controlled and may not be identical to the original observations.
Generated on 04/12/2021

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801
Observation Time Temperature: Unknown Observation Time Precipitation: 2400

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---------|-------|-----|------------------------------------|------|--|------|------------------------------|--------------|----------------------------|----------------------|----------------------|----------------------|-------------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | 24 Hour Amounts Ending at Observation Time | | | At Obs. Time | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | |
| | | | Max. | Min. | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | | Fall | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2018 | 06 | 01 | 68 | 48 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 06 | 02 | 77 | 54 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 06 | 03 | 63 | 53 | 0.01 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 06 | 04 | 69 | 49 | T | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 06 | 05 | 69 | 49 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 06 | 06 | 75 | 51 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 06 | 07 | 68 | 55 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 06 | 08 | 64 | 52 | 0.25 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 06 | 09 | 63 | 49 | 0.09 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 06 | 10 | 62 | 48 | 0.06 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 06 | 11 | 68 | 48 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 06 | 12 | 69 | 48 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 06 | 13 | 67 | 53 | 0.02 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 06 | 14 | 68 | 53 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 06 | 15 | 73 | 53 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 06 | 16 | 78 | 54 | T | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 06 | 17 | 88 | 58 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 06 | 18 | 87 | 60 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 06 | 19 | 85 | 57 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 06 | 20 | 88 | 59 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 06 | 21 | 69 | 58 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 06 | 22 | 69 | 57 | T | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 06 | 23 | 72 | 56 | 0.07 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 06 | 24 | 79 | 54 | 0.13 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 06 | 25 | 71 | 55 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 06 | 26 | 73 | 53 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 06 | 27 | 67 | 54 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 06 | 28 | 69 | 53 | T | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 06 | 29 | 72 | 55 | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 06 | 30 | 66 | 56 | T | | 0.0 | | 0.0 | | | | | | | |
| Summary | | | 72 | 53 | 0.63 | | 0.0 | | 0.0 | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 9=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard Imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|------|------------------------------|----------------------------|----------------------|----------------------|---|----------------------|------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | Fall | Snow, Ice Pellets, Hail, Ice on Ground (in) | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2018 | 07 | 01 | 71 | 56 | | 0.04 | | 0.0 | | | | | | | | | |
| 2018 | 07 | 02 | 70 | 53 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 07 | 03 | 76 | 50 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 07 | 04 | 83 | 57 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 07 | 05 | 85 | 59 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 07 | 06 | 78 | 60 | | T | | 0.0 | | | | | | | | | |
| 2018 | 07 | 07 | 74 | 58 | | 0.01 | | 0.0 | | | | | | | | | |
| 2018 | 07 | 08 | 81 | 58 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 07 | 09 | 72 | 57 | | T | | 0.0 | | | | | | | | | |
| 2018 | 07 | 10 | 78 | 58 | | T | | 0.0 | | | | | | | | | |
| 2018 | 07 | 11 | 82 | 59 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 07 | 12 | 89 | 59 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 07 | 13 | 85 | 61 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 07 | 14 | 87 | 58 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 07 | 15 | 93 | 63 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 07 | 16 | 92 | 63 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 07 | 17 | 85 | 60 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 07 | 18 | 77 | 58 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 07 | 19 | 70 | 54 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 07 | 20 | 74 | 55 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 07 | 21 | 79 | 56 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 07 | 22 | 86 | 61 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 07 | 23 | 90 | 63 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 07 | 24 | 91 | 59 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 07 | 25 | 92 | 62 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 07 | 26 | 92 | 60 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 07 | 27 | 88 | 57 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 07 | 28 | 85 | 58 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 07 | 29 | 94 | 60 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 07 | 30 | 89 | 62 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 07 | 31 | 80 | 60 | | 0.00 | | 0.0 | | | | | | | | | |
| Summary | | | 83 | 59 | | 0.05 | | 0.0 | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement. is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|------|------------------------------|----------------------------|----------------------|----------------------|---|----------------------|------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | Fall | Snow, Ice Pellets, Hail, Ice on Ground (in) | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2018 | 08 | 01 | 75 | 59 | | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 08 | 02 | 70 | 58 | | 0.02 | | 0.0 | | | | | | | | | |
| 2018 | 08 | 03 | 76 | 59 | | 0.01 | | 0.0 | | | | | | | | | |
| 2018 | 08 | 04 | 81 | 58 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 08 | 05 | 86 | 59 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 08 | 06 | 89 | 59 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 08 | 07 | 92 | 60 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 08 | 08 | 94 | 62 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 08 | 09 | 93 | 60 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 08 | 10 | 82 | 62 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 08 | 11 | 72 | 62 | | 0.05 | | 0.0 | | | | | | | | | |
| 2018 | 08 | 12 | 73 | 59 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 08 | 13 | 79 | 59 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 08 | 14 | 85 | 62 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 08 | 15 | 86 | 61 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 08 | 16 | 73 | 58 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 08 | 17 | 74 | 54 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 08 | 18 | 81 | 55 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 08 | 19 | 80 | 58 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 08 | 20 | 81 | 57 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 08 | 21 | 91 | 65 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 08 | 22 | 89 | 59 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 08 | 23 | 73 | 57 | | 0.01 | | 0.0 | | | | | | | | | |
| 2018 | 08 | 24 | 69 | 56 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 08 | 25 | 64 | 53 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 08 | 26 | 65 | 57 | | 0.11 | | 0.0 | | | | | | | | | |
| 2018 | 08 | 27 | 76 | 56 | | T | | 0.0 | | | | | | | | | |
| 2018 | 08 | 28 | 84 | 55 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 08 | 29 | 77 | 57 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 08 | 30 | 73 | 60 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 08 | 31 | 69 | 58 | | 0.00 | | 0.0 | | | | | | | | | |
| Summary | | | 79 | 59 | | 0.20 | | 0.0 | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|------|------------------------------|----------------------------|----------------------|----------------------|----------------------|-------------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | Fall | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2018 | 09 | 01 | 73 | 57 | | 0.00 | | 0.0 | | | | | | | | |
| 2018 | 09 | 02 | 76 | 52 | | 0.00 | | 0.0 | | | | | | | | |
| 2018 | 09 | 03 | 74 | 58 | | 0.00 | | 0.0 | | | | | | | | |
| 2018 | 09 | 04 | 77 | 55 | | 0.00 | | 0.0 | | | | | | | | |
| 2018 | 09 | 05 | 82 | 57 | | 0.00 | | 0.0 | | | | | | | | |
| 2018 | 09 | 06 | 85 | 56 | | 0.00 | | 0.0 | | | | | | | | |
| 2018 | 09 | 07 | 75 | 56 | | 0.05 | | 0.0 | | | | | | | | |
| 2018 | 09 | 08 | 71 | 58 | | 0.04 | | 0.0 | | | | | | | | |
| 2018 | 09 | 09 | 75 | 57 | | 0.13 | | 0.0 | | | | | | | | |
| 2018 | 09 | 10 | 68 | 58 | | T | | 0.0 | | | | | | | | |
| 2018 | 09 | 11 | 67 | 56 | | T | | 0.0 | | | | | | | | |
| 2018 | 09 | 12 | 67 | 55 | | 0.01 | | 0.0 | | | | | | | | |
| 2018 | 09 | 13 | 70 | 55 | | T | | 0.0 | | | | | | | | |
| 2018 | 09 | 14 | 67 | 55 | | 0.42 | | 0.0 | | | | | | | | |
| 2018 | 09 | 15 | 63 | 53 | | 0.01 | | 0.0 | | | | | | | | |
| 2018 | 09 | 16 | 65 | 51 | | 0.17 | | 0.0 | | | | | | | | |
| 2018 | 09 | 17 | 65 | 51 | | 0.00 | | 0.0 | | | | | | | | |
| 2018 | 09 | 18 | 67 | 48 | | 0.00 | | 0.0 | | | | | | | | |
| 2018 | 09 | 19 | 68 | 48 | | 0.03 | | 0.0 | | | | | | | | |
| 2018 | 09 | 20 | 66 | 53 | | 0.05 | | 0.0 | | | | | | | | |
| 2018 | 09 | 21 | 72 | 59 | | 0.02 | | 0.0 | | | | | | | | |
| 2018 | 09 | 22 | 68 | 55 | | 0.05 | | 0.0 | | | | | | | | |
| 2018 | 09 | 23 | 65 | 53 | | 0.00 | | 0.0 | | | | | | | | |
| 2018 | 09 | 24 | 68 | 49 | | 0.00 | | 0.0 | | | | | | | | |
| 2018 | 09 | 25 | 69 | 50 | | 0.00 | | 0.0 | | | | | | | | |
| 2018 | 09 | 26 | 70 | 51 | | 0.00 | | 0.0 | | | | | | | | |
| 2018 | 09 | 27 | 73 | 52 | | 0.00 | | 0.0 | | | | | | | | |
| 2018 | 09 | 28 | 79 | 57 | | 0.00 | | 0.0 | | | | | | | | |
| 2018 | 09 | 29 | 66 | 52 | | 0.03 | | 0.0 | | | | | | | | |
| 2018 | 09 | 30 | 65 | 56 | | 0.03 | | 0.0 | | | | | | | | |
| Summary | | | 71 | 54 | | 1.04 | | 0.0 | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard Imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|------|------------------------------|----------------------------|----------------------|----------------------|----------------------|-------------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | Fall | Ground Cover (see *) | Max. | Ground Cover (see *) | Min. |
| 2018 | 10 | 01 | 65 | 57 | | 0.30 | | 0.0 | | | | | | | |
| 2018 | 10 | 02 | 62 | 48 | | 0.01 | | 0.0 | | | | | | | |
| 2018 | 10 | 03 | 58 | 43 | | 0.00 | | 0.0 | | | | | | | |
| 2018 | 10 | 04 | 60 | 47 | | 0.00 | | 0.0 | | | | | | | |
| 2018 | 10 | 05 | 53 | 46 | | 0.56 | | 0.0 | | | | | | | |
| 2018 | 10 | 06 | 60 | 48 | | 0.00 | | 0.0 | | | | | | | |
| 2018 | 10 | 07 | 56 | 47 | | 0.03 | | 0.0 | | | | | | | |
| 2018 | 10 | 08 | 58 | 52 | | 0.10 | | 0.0 | | | | | | | |
| 2018 | 10 | 09 | 59 | 51 | | 0.09 | | 0.0 | | | | | | | |
| 2018 | 10 | 10 | 64 | 49 | | 0.00 | | 0.0 | | | | | | | |
| 2018 | 10 | 11 | 63 | 45 | | 0.00 | | 0.0 | | | | | | | |
| 2018 | 10 | 12 | 64 | 47 | | 0.00 | | 0.0 | | | | | | | |
| 2018 | 10 | 13 | 62 | 49 | | 0.00 | | 0.0 | | | | | | | |
| 2018 | 10 | 14 | 68 | 45 | | 0.00 | | 0.0 | | | | | | | |
| 2018 | 10 | 15 | 66 | 44 | | 0.00 | | 0.0 | | | | | | | |
| 2018 | 10 | 16 | 72 | 46 | | 0.00 | | 0.0 | | | | | | | |
| 2018 | 10 | 17 | 70 | 44 | | 0.00 | | 0.0 | | | | | | | |
| 2018 | 10 | 18 | 67 | 46 | | 0.00 | | 0.0 | | | | | | | |
| 2018 | 10 | 19 | 61 | 45 | | 0.00 | | 0.0 | | | | | | | |
| 2018 | 10 | 20 | 58 | 45 | | 0.00 | | 0.0 | | | | | | | |
| 2018 | 10 | 21 | 56 | 43 | | 0.00 | | 0.0 | | | | | | | |
| 2018 | 10 | 22 | 53 | 43 | | 0.00 | | 0.0 | | | | | | | |
| 2018 | 10 | 23 | 54 | 43 | | 0.06 | | 0.0 | | | | | | | |
| 2018 | 10 | 24 | 60 | 49 | | 0.00 | | 0.0 | | | | | | | |
| 2018 | 10 | 25 | 58 | 53 | | 0.66 | | 0.0 | | | | | | | |
| 2018 | 10 | 26 | 63 | 51 | | 0.45 | | 0.0 | | | | | | | |
| 2018 | 10 | 27 | 60 | 45 | | 0.84 | | 0.0 | | | | | | | |
| 2018 | 10 | 28 | 57 | 49 | | 0.61 | | 0.0 | | | | | | | |
| 2018 | 10 | 29 | 55 | 44 | | 0.02 | | 0.0 | | | | | | | |
| 2018 | 10 | 30 | 56 | 45 | | 0.03 | | 0.0 | | | | | | | |
| 2018 | 10 | 31 | 58 | 49 | | 0.02 | | 0.0 | | | | | | | |
| Summary | | | 61 | 47 | | 3.78 | | 0.0 | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | | |
|---------|-------|-----|------------------------------------|------|--|------------------------------|---------|------------------------------|----------------------------|----------------------|----------------------|--------------|----------------------|------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | 24 Hour Amounts Ending at Observation Time | | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | | |
| | | | Max. | Min. | At Obs. | Rain, Melted Snow, Etc. (in) | F l a g | Snow, Ice Pellets, Hail (in) | | | F l a g | At Obs. Time | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2018 | 11 | 01 | 62 | 57 | | 0.04 | | 0.0 | | | | | | | | | |
| 2018 | 11 | 02 | 62 | 54 | | 0.30 | | 0.0 | | | | | | | | | |
| 2018 | 11 | 03 | 55 | 53 | | 0.18 | | 0.0 | | | | | | | | | |
| 2018 | 11 | 04 | 61 | 52 | | 0.03 | | 0.0 | | | | | | | | | |
| 2018 | 11 | 05 | 56 | 48 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 11 | 06 | 56 | 46 | | 0.05 | | 0.0 | | | | | | | | | |
| 2018 | 11 | 07 | 53 | 40 | | 0.04 | | 0.0 | | | | | | | | | |
| 2018 | 11 | 08 | 50 | 36 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 11 | 09 | 43 | 35 | | 0.07 | | 0.0 | | | | | | | | | |
| 2018 | 11 | 10 | 50 | 40 | | T | | 0.0 | | | | | | | | | |
| 2018 | 11 | 11 | 50 | 34 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 11 | 12 | 61 | 41 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 11 | 13 | 54 | 39 | | T | | 0.0 | | | | | | | | | |
| 2018 | 11 | 14 | 57 | 46 | | 0.11 | | 0.0 | | | | | | | | | |
| 2018 | 11 | 15 | 55 | 49 | | 0.02 | | 0.0 | | | | | | | | | |
| 2018 | 11 | 16 | 55 | 46 | | 0.03 | | 0.0 | | | | | | | | | |
| 2018 | 11 | 17 | 55 | 41 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 11 | 18 | 55 | 38 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 11 | 19 | 54 | 34 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 11 | 20 | 55 | 34 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 11 | 21 | 53 | 47 | | 0.11 | | 0.0 | | | | | | | | | |
| 2018 | 11 | 22 | 52 | 45 | | 0.48 | | 0.0 | | | | | | | | | |
| 2018 | 11 | 23 | 49 | 42 | | 0.34 | | 0.0 | | | | | | | | | |
| 2018 | 11 | 24 | 49 | 38 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 11 | 25 | 48 | 36 | | 0.01 | | 0.0 | | | | | | | | | |
| 2018 | 11 | 26 | 57 | 45 | | 1.42 | | 0.0 | | | | | | | | | |
| 2018 | 11 | 27 | 58 | 48 | | 1.84 | | 0.0 | | | | | | | | | |
| 2018 | 11 | 28 | 51 | 47 | | 0.16 | | 0.0 | | | | | | | | | |
| 2018 | 11 | 29 | 50 | 43 | | 0.00 | | 0.0 | | | | | | | | | |
| 2018 | 11 | 30 | 50 | 43 | | 0.19 | | 0.0 | | | | | | | | | |
| Summary | | | 54 | 43 | | 5.42 | | 0.0 | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 9=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard Imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|------|------------------------------|----------------------------|----------------------|----------------------|----------------------|-------------|------|----------------------|------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | Fall | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. | Min. |
| 2018 | 12 | 01 | 46 | 39 | | 0.07 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 12 | 02 | 46 | 40 | | 0.06 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 12 | 03 | 47 | 35 | | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 12 | 04 | 47 | 32 | | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 12 | 05 | 45 | 31 | | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 12 | 06 | 46 | 33 | | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 12 | 07 | 44 | 34 | | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 12 | 08 | 48 | 40 | | T | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 12 | 09 | 48 | 42 | | 0.59 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 12 | 10 | 49 | 42 | | 0.09 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 12 | 11 | 50 | 43 | | 0.73 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 12 | 12 | 49 | 39 | | 0.07 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 12 | 13 | 52 | 45 | | 0.29 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 12 | 14 | 57 | 43 | | 0.01 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 12 | 15 | 52 | 41 | | 0.06 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 12 | 16 | 56 | 45 | | 0.33 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 12 | 17 | 54 | 46 | | 0.45 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 12 | 18 | 54 | 45 | | 0.70 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 12 | 19 | 51 | 45 | | 0.11 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 12 | 20 | 59 | 40 | | 0.27 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 12 | 21 | 44 | 35 | | T | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 12 | 22 | 48 | 37 | | 0.30 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 12 | 23 | 47 | 42 | | 0.72 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 12 | 24 | 51 | 40 | | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 12 | 25 | 45 | 36 | | 0.02 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 12 | 26 | 43 | 39 | | 0.14 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 12 | 27 | 47 | 39 | | 0.01 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 12 | 28 | 49 | 39 | | 0.43 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 12 | 29 | 51 | 43 | | 0.63 | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 12 | 30 | 49 | 38 | | T | | 0.0 | | 0.0 | | | | | | | |
| 2018 | 12 | 31 | 43 | 34 | | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| Summary | | | 49 | 39 | | 6.08 | | 0.0 | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|------|------------------------------|----------------------------|----------------------|----------------------|---|----------------------|------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | Fall | Snow, Ice Pellets, Hail, Ice on Ground (in) | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2019 | 01 | 01 | 44 | 33 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 01 | 02 | 47 | 32 | | 0.04 | | 0.0 | | | | | | | | | |
| 2019 | 01 | 03 | 56 | 43 | | 0.78 | | 0.0 | | | | | | | | | |
| 2019 | 01 | 04 | 51 | 46 | | 0.08 | | 0.0 | | | | | | | | | |
| 2019 | 01 | 05 | 51 | 41 | | 0.04 | | 0.0 | | | | | | | | | |
| 2019 | 01 | 06 | 50 | 36 | | 0.40 | | 0.0 | | | | | | | | | |
| 2019 | 01 | 07 | 45 | 37 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 01 | 08 | 49 | 36 | | 0.15 | | 0.0 | | | | | | | | | |
| 2019 | 01 | 09 | 53 | 45 | | 0.20 | | 0.0 | | | | | | | | | |
| 2019 | 01 | 10 | 54 | 46 | | 0.26 | | 0.0 | | | | | | | | | |
| 2019 | 01 | 11 | 61 | 44 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 01 | 12 | 59 | 38 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 01 | 13 | 56 | 37 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 01 | 14 | 51 | 35 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 01 | 15 | 47 | 31 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 01 | 16 | 55 | 37 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 01 | 17 | 57 | 47 | | 0.05 | | 0.0 | | | | | | | | | |
| 2019 | 01 | 18 | 53 | 45 | | 0.41 | | 0.0 | | | | | | | | | |
| 2019 | 01 | 19 | 51 | 42 | | 0.10 | | 0.0 | | | | | | | | | |
| 2019 | 01 | 20 | 47 | 38 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 01 | 21 | 47 | 36 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 01 | 22 | 49 | 40 | | 0.85 | | 0.0 | | | | | | | | | |
| 2019 | 01 | 23 | 51 | 46 | | 0.37 | | 0.0 | | | | | | | | | |
| 2019 | 01 | 24 | 47 | 41 | | 0.09 | | 0.0 | | | | | | | | | |
| 2019 | 01 | 25 | 50 | 39 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 01 | 26 | 51 | 35 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 01 | 27 | 43 | 36 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 01 | 28 | 51 | 37 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 01 | 29 | 54 | 36 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 01 | 30 | 51 | 33 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 01 | 31 | 54 | 37 | | 0.01 | | 0.0 | | | | | | | | | |
| Summary | | | 51 | 39 | | 3.83 | | 0.0 | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | | Soil Temperature (F) | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|------|--------------|----------------------------|----------------------|----------------------|----------------------|----------------------|------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | At Obs. Time | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | Min. |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Fall | | | | Ground Cover (see *) | Max. | Ground Cover (see *) | Max. | |
| 2019 | 02 | 01 | 50 | 44 | | 0.68 | | 0.0 | | | | | | | |
| 2019 | 02 | 02 | 48 | 41 | | 0.03 | | 0.0 | | | | | | | |
| 2019 | 02 | 03 | 42 | 31 | | 0.09 | | 0.0 | | | | | | | |
| 2019 | 02 | 04 | 32 | 25 | | 0.13 | | 1.2 | | | | | | | |
| 2019 | 02 | 05 | 34 | 20 | | 0.00 | | 3.1 | | | | | | | |
| 2019 | 02 | 06 | 37 | 20 | | 0.00 | | 1.2 | | | | | | | |
| 2019 | 02 | 07 | 39 | 25 | | 0.00 | | 0.0 | | | | | | | |
| 2019 | 02 | 08 | 37 | 29 | | 0.46 | | 5.9 | | | | | | | |
| 2019 | 02 | 09 | 33 | 25 | | 0.16 | | 5.9 | | | | | | | |
| 2019 | 02 | 10 | 36 | 21 | | 0.16 | | 7.1 | | | | | | | |
| 2019 | 02 | 11 | 38 | 29 | | 1.22 | | 5.9 | | | | | | | |
| 2019 | 02 | 12 | 40 | 34 | | 0.86 | | 7.1 | | | | | | | |
| 2019 | 02 | 13 | 39 | 31 | | 0.02 | | 2.0 | | | | | | | |
| 2019 | 02 | 14 | 44 | 29 | | 0.12 | | 0.0 | | | | | | | |
| 2019 | 02 | 15 | 47 | 38 | | T | | 0.0 | | | | | | | |
| 2019 | 02 | 16 | 44 | 36 | | 0.15 | | 0.0 | | | | | | | |
| 2019 | 02 | 17 | 43 | 32 | | T | | 0.0 | | | | | | | |
| 2019 | 02 | 18 | 45 | 35 | | 0.05 | | 0.0 | | | | | | | |
| 2019 | 02 | 19 | 43 | 38 | | 0.13 | | 0.0 | | | | | | | |
| 2019 | 02 | 20 | 43 | 37 | | 0.19 | | 0.0 | | | | | | | |
| 2019 | 02 | 21 | 47 | 32 | | 0.00 | | 0.0 | | | | | | | |
| 2019 | 02 | 22 | 42 | 34 | | 0.11 | | 0.0 | | | | | | | |
| 2019 | 02 | 23 | 45 | 36 | | 0.05 | | 0.0 | | | | | | | |
| 2019 | 02 | 24 | 42 | 37 | | 0.01 | | 0.0 | | | | | | | |
| 2019 | 02 | 25 | 44 | 32 | | 0.00 | | 0.0 | | | | | | | |
| 2019 | 02 | 26 | 43 | 30 | | 0.00 | | 0.0 | | | | | | | |
| 2019 | 02 | 27 | 43 | 33 | | T | | 0.0 | | | | | | | |
| 2019 | 02 | 28 | 49 | 30 | | 0.00 | | 0.0 | | | | | | | |
| Summary | | | 42 | 32 | | 4.62 | | 20.2 | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|------|------------------------------|----------------------------|----------------------|----------------------|---|----------------------|------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | Fall | Snow, Ice Pellets, Hail, Ice on Ground (in) | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2019 | 03 | 01 | 51 | 34 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 03 | 02 | 51 | 34 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 03 | 03 | 47 | 33 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 03 | 04 | 46 | 31 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 03 | 05 | 49 | 28 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 03 | 06 | 40 | 34 | | 0.12 | | T | | | | | | | | | |
| 2019 | 03 | 07 | 45 | 33 | | 0.21 | | 0.8 | | | | | | | | | |
| 2019 | 03 | 08 | 41 | 34 | | 0.06 | | T | | | | | | | | | |
| 2019 | 03 | 09 | 48 | 30 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 03 | 10 | 52 | 31 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 03 | 11 | 51 | 34 | | 0.28 | | 0.0 | | | | | | | | | |
| 2019 | 03 | 12 | 48 | 37 | | 0.49 | | 0.0 | | | | | | | | | |
| 2019 | 03 | 13 | 52 | 37 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 03 | 14 | 54 | 39 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 03 | 15 | 60 | 40 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 03 | 16 | 61 | 42 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 03 | 17 | 64 | 40 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 03 | 18 | 76 | 44 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 03 | 19 | 79 | 59 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 03 | 20 | 79 | 54 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 03 | 21 | 60 | 46 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 03 | 22 | 65 | 47 | | 0.01 | | 0.0 | | | | | | | | | |
| 2019 | 03 | 23 | 59 | 45 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 03 | 24 | 57 | 45 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 03 | 25 | 60 | 41 | | 0.16 | | 0.0 | | | | | | | | | |
| 2019 | 03 | 26 | 58 | 42 | | 0.04 | | 0.0 | | | | | | | | | |
| 2019 | 03 | 27 | 60 | 42 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 03 | 28 | 64 | 44 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 03 | 29 | 62 | 44 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 03 | 30 | 66 | 43 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 03 | 31 | 68 | 43 | | 0.00 | | 0.0 | | | | | | | | | |
| Summary | | | 57 | 40 | | 1.37 | | 0.8 | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement. is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|------|------------------------------|----------------------------|----------------------|----------------------|----------------------|-------------|------|----------------------|------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | Fall | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. | Min. |
| 2019 | 04 | 01 | 70 | 45 | | 0.00 | | 0.0 | | 0.0 | | | | | | | |
| 2019 | 04 | 02 | 68 | 52 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 04 | 03 | 59 | 47 | | 0.03 | | 0.0 | | | | | | | | | |
| 2019 | 04 | 04 | 63 | 45 | | 0.06 | | 0.0 | | | | | | | | | |
| 2019 | 04 | 05 | 57 | 47 | | 0.32 | | 0.0 | | | | | | | | | |
| 2019 | 04 | 06 | 57 | 45 | | 0.26 | | 0.0 | | | | | | | | | |
| 2019 | 04 | 07 | 55 | 44 | | 0.28 | | 0.0 | | | | | | | | | |
| 2019 | 04 | 08 | 61 | 47 | | 0.05 | | 0.0 | | | | | | | | | |
| 2019 | 04 | 09 | 58 | 46 | | 0.33 | | 0.0 | | | | | | | | | |
| 2019 | 04 | 10 | 53 | 46 | | 0.28 | | 0.0 | | | | | | | | | |
| 2019 | 04 | 11 | 53 | 46 | | 0.40 | | 0.0 | | | | | | | | | |
| 2019 | 04 | 12 | 60 | 47 | | 0.65 | | 0.0 | | | | | | | | | |
| 2019 | 04 | 13 | 51 | 45 | | 0.09 | | 0.0 | | | | | | | | | |
| 2019 | 04 | 14 | 51 | 43 | | 0.01 | | 0.0 | | | | | | | | | |
| 2019 | 04 | 15 | 56 | 40 | | T | | 0.0 | | | | | | | | | |
| 2019 | 04 | 16 | 56 | 45 | | 0.21 | | 0.0 | | | | | | | | | |
| 2019 | 04 | 17 | 63 | 48 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 04 | 18 | 62 | 53 | | 0.13 | | 0.0 | | | | | | | | | |
| 2019 | 04 | 19 | 56 | 50 | | 0.16 | | 0.0 | | | | | | | | | |
| 2019 | 04 | 20 | 60 | 47 | | T | | 0.0 | | | | | | | | | |
| 2019 | 04 | 21 | 60 | 45 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 04 | 22 | 59 | 45 | | 0.13 | | 0.0 | | | | | | | | | |
| 2019 | 04 | 23 | 60 | 49 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 04 | 24 | 61 | 47 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 04 | 25 | 62 | 44 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 04 | 26 | 63 | 45 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 04 | 27 | 54 | 42 | | 0.14 | | 0.0 | | | | | | | | | |
| 2019 | 04 | 28 | 60 | 37 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 04 | 29 | 65 | 44 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 04 | 30 | 67 | 41 | | 0.00 | | 0.0 | | | | | | | | | |
| Summary | | | 59 | 46 | | 3.53 | | 0.0 | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard Imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|------|------------------------------|----------------------------|----------------------|----------------------|---|----------------------|------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | Fall | Snow, Ice Pellets, Hail, Ice on Ground (in) | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2019 | 05 | 01 | 64 | 43 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 05 | 02 | 59 | 47 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 05 | 03 | 63 | 46 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 05 | 04 | 69 | 45 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 05 | 05 | 70 | 49 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 05 | 06 | 76 | 50 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 05 | 07 | 74 | 51 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 05 | 08 | 75 | 50 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 05 | 09 | 83 | 56 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 05 | 10 | 86 | 56 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 05 | 11 | 83 | 53 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 05 | 12 | 67 | 51 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 05 | 13 | 68 | 48 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 05 | 14 | 60 | 52 | | 0.16 | | 0.0 | | | | | | | | | |
| 2019 | 05 | 15 | 71 | 52 | | 0.02 | | 0.0 | | | | | | | | | |
| 2019 | 05 | 16 | 64 | 53 | | 0.13 | | 0.0 | | | | | | | | | |
| 2019 | 05 | 17 | 64 | 52 | | 0.05 | | 0.0 | | | | | | | | | |
| 2019 | 05 | 18 | 71 | 51 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 05 | 19 | 70 | 53 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 05 | 20 | 57 | 52 | | 0.05 | | 0.0 | | | | | | | | | |
| 2019 | 05 | 21 | 62 | 50 | | 0.02 | | 0.0 | | | | | | | | | |
| 2019 | 05 | 22 | 75 | 51 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 05 | 23 | 77 | 53 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 05 | 24 | 62 | 53 | | T | | 0.0 | | | | | | | | | |
| 2019 | 05 | 25 | 56 | 52 | | 0.19 | | 0.0 | | | | | | | | | |
| 2019 | 05 | 26 | 72 | 52 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 05 | 27 | 77 | 54 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 05 | 28 | 66 | 54 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 05 | 29 | 70 | 53 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 05 | 30 | 75 | 52 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 05 | 31 | 76 | 54 | | 0.00 | | 0.0 | | | | | | | | | |
| Summary | | | 70 | 51 | | 0.62 | | 0.0 | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Current Location: Elev: 370 ft. Lat: 47.4444° N Lon: -122.3138° W
Station: **SEATTLE TACOMA AIRPORT, WA US USW00024233**

Record of Climatological Observations
These data are quality controlled and may not be identical to the original observations.
Generated on 04/12/2021

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801
Observation Time Temperature: Unknown Observation Time Precipitation: 2400

| Y e a r | M o n t h | D a y | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | | |
|------------------|-----------------------|-------------|---------------------------------------|------|---------------|---|------------------|------------------------------------|-------------------------------------|-------------------------|----------------------|---|----------------------------|------|----------------------------|------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | F l a g | Snow, Ice Pellets, Hail (in) | | | F l a g | Snow, Ice Pellets, Hail, Ice on Ground (in) | Ground Cover (see *) | Max. | Ground Cover (see *) | Min. | Max. |
| 2019 | 06 | 01 | 76 | 53 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 06 | 02 | 75 | 52 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 06 | 03 | 69 | 53 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 06 | 04 | 72 | 52 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 06 | 05 | 66 | 51 | | T | | 0.0 | | | | | | | | | |
| 2019 | 06 | 06 | 66 | 50 | | 0.01 | | 0.0 | | | | | | | | | |
| 2019 | 06 | 07 | 64 | 51 | | 0.10 | | 0.0 | | | | | | | | | |
| 2019 | 06 | 08 | 70 | 51 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 06 | 09 | 75 | 51 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 06 | 10 | 79 | 55 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 06 | 11 | 87 | 60 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 06 | 12 | 95 | 65 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 06 | 13 | 80 | 57 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 06 | 14 | 70 | 55 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 06 | 15 | 75 | 53 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 06 | 16 | 77 | 53 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 06 | 17 | 76 | 56 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 06 | 18 | 66 | 56 | | 0.21 | | 0.0 | | | | | | | | | |
| 2019 | 06 | 19 | 70 | 52 | | 0.08 | | 0.0 | | | | | | | | | |
| 2019 | 06 | 20 | 70 | 50 | | 0.41 | | 0.0 | | | | | | | | | |
| 2019 | 06 | 21 | 72 | 54 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 06 | 22 | 66 | 55 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 06 | 23 | 66 | 54 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 06 | 24 | 71 | 52 | | T | | 0.0 | | | | | | | | | |
| 2019 | 06 | 25 | 75 | 51 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 06 | 26 | 72 | 52 | | 0.01 | | 0.0 | | | | | | | | | |
| 2019 | 06 | 27 | 70 | 56 | | 0.08 | | 0.0 | | | | | | | | | |
| 2019 | 06 | 28 | 73 | 53 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 06 | 29 | 77 | 56 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 06 | 30 | 81 | 58 | | 0.00 | | 0.0 | | | | | | | | | |
| Summary | | | 73 | 54 | | 0.90 | | 0.0 | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard Imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|------|------------------------------|----------------------------|----------------------|----------------------|---|----------------------|------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | Fall | Snow, Ice Pellets, Hail, Ice on Ground (in) | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2019 | 07 | 01 | 81 | 59 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 07 | 02 | 62 | 57 | | 0.43 | | 0.0 | | | | | | | | | |
| 2019 | 07 | 03 | 71 | 56 | | T | | 0.0 | | | | | | | | | |
| 2019 | 07 | 04 | 75 | 55 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 07 | 05 | 69 | 58 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 07 | 06 | 72 | 58 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 07 | 07 | 68 | 57 | | T | | 0.0 | | | | | | | | | |
| 2019 | 07 | 08 | 75 | 57 | | T | | 0.0 | | | | | | | | | |
| 2019 | 07 | 09 | 75 | 58 | | 0.17 | | 0.0 | | | | | | | | | |
| 2019 | 07 | 10 | 70 | 62 | | 0.17 | | 0.0 | | | | | | | | | |
| 2019 | 07 | 11 | 76 | 60 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 07 | 12 | 80 | 62 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 07 | 13 | 79 | 61 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 07 | 14 | 79 | 59 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 07 | 15 | 71 | 62 | | 0.02 | | 0.0 | | | | | | | | | |
| 2019 | 07 | 16 | 80 | 62 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 07 | 17 | 69 | 60 | | 0.13 | | 0.0 | | | | | | | | | |
| 2019 | 07 | 18 | 72 | 56 | | 0.20 | | 0.0 | | | | | | | | | |
| 2019 | 07 | 19 | 73 | 55 | | 0.03 | | 0.0 | | | | | | | | | |
| 2019 | 07 | 20 | 80 | 56 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 07 | 21 | 91 | 56 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 07 | 22 | 83 | 58 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 07 | 23 | 71 | 58 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 07 | 24 | 78 | 59 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 07 | 25 | 85 | 57 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 07 | 26 | 87 | 61 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 07 | 27 | 76 | 64 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 07 | 28 | 81 | 60 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 07 | 29 | 81 | 58 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 07 | 30 | 77 | 57 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 07 | 31 | 83 | 57 | | 0.00 | | 0.0 | | | | | | | | | |
| Summary | | | 76 | 59 | | 1.15 | | 0.0 | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement. is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|---------|------------------------------|----------------------------|----------------------|----------------------|----------------------|-------------|------|----------------------|------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | F l a g | Snow, Ice Pellets, Hail (in) | | | F l a g | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. | Min. |
| 2019 | 08 | 01 | 85 | 60 | | 0.00 | | 0.0 | 0.0 | | | | | | | | |
| 2019 | 08 | 02 | 78 | 63 | | 0.37 | | 0.0 | | | | | | | | | |
| 2019 | 08 | 03 | 82 | 61 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 08 | 04 | 87 | 62 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 08 | 05 | 88 | 62 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 08 | 06 | 84 | 58 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 08 | 07 | 76 | 58 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 08 | 08 | 69 | 60 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 08 | 09 | 76 | 61 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 08 | 10 | 74 | 60 | | 0.38 | | 0.0 | | | | | | | | | |
| 2019 | 08 | 11 | 75 | 60 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 08 | 12 | 79 | 59 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 08 | 13 | 85 | 61 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 08 | 14 | 84 | 62 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 08 | 15 | 78 | 60 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 08 | 16 | 69 | 60 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 08 | 17 | 75 | 60 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 08 | 18 | 76 | 59 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 08 | 19 | 76 | 60 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 08 | 20 | 82 | 56 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 08 | 21 | 70 | 59 | | 0.30 | | 0.0 | | | | | | | | | |
| 2019 | 08 | 22 | 71 | 56 | | 0.08 | | 0.0 | | | | | | | | | |
| 2019 | 08 | 23 | 73 | 55 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 08 | 24 | 76 | 59 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 08 | 25 | 74 | 60 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 08 | 26 | 79 | 57 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 08 | 27 | 85 | 60 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 08 | 28 | 89 | 66 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 08 | 29 | 78 | 59 | | 0.07 | | 0.0 | | | | | | | | | |
| 2019 | 08 | 30 | 77 | 63 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 08 | 31 | 78 | 60 | | T | | 0.0 | | | | | | | | | |
| Summary | | | 78 | 60 | | 1.20 | | 0.0 | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement. is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Current Location: Elev: 370 ft, Lat: 47.4444° N Lon: -122.3138° W
Station: **SEATTLE TACOMA AIRPORT, WA US USW00024233**

Record of Climatological Observations
These data are quality controlled and may not be identical to the original observations.
Generated on 04/12/2021

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801
Observation Time Temperature: Unknown Observation Time Precipitation: 2400

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---------|-------|-----|------------------------------------|------|--|---------|------------------------------|--------------|----------------------------|----------------------|----------------------|----------------------|-------------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | 24 Hour Amounts Ending at Observation Time | | | At Obs. Time | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | |
| | | | Max. | Min. | Rain, Melted Snow, Etc. (in) | F I a g | Snow, Ice Pellets, Hail (in) | | | | F I a g | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2019 | 09 | 01 | 79 | 63 | 0.00 | | 0.0 | 0.0 | | | | | | | | |
| 2019 | 09 | 02 | 79 | 60 | 0.00 | | 0.0 | 0.0 | | | | | | | | |
| 2019 | 09 | 03 | 81 | 59 | 0.00 | | 0.0 | 0.0 | | | | | | | | |
| 2019 | 09 | 04 | 76 | 59 | 0.00 | | 0.0 | 0.0 | | | | | | | | |
| 2019 | 09 | 05 | 79 | 59 | 0.00 | | 0.0 | 0.0 | | | | | | | | |
| 2019 | 09 | 06 | 77 | 61 | 0.00 | | 0.0 | 0.0 | | | | | | | | |
| 2019 | 09 | 07 | 67 | 60 | 0.59 | | 0.0 | 0.0 | | | | | | | | |
| 2019 | 09 | 08 | 74 | 59 | 0.04 | | 0.0 | 0.0 | | | | | | | | |
| 2019 | 09 | 09 | 68 | 60 | 0.29 | | 0.0 | 0.0 | | | | | | | | |
| 2019 | 09 | 10 | 72 | 57 | 0.00 | | 0.0 | 0.0 | | | | | | | | |
| 2019 | 09 | 11 | 73 | 56 | 0.00 | | 0.0 | 0.0 | | | | | | | | |
| 2019 | 09 | 12 | 79 | 57 | 0.24 | | 0.0 | 0.0 | | | | | | | | |
| 2019 | 09 | 13 | 71 | 59 | 0.00 | | 0.0 | 0.0 | | | | | | | | |
| 2019 | 09 | 14 | 67 | 60 | 0.05 | | 0.0 | 0.0 | | | | | | | | |
| 2019 | 09 | 15 | 61 | 56 | 0.44 | | 0.0 | 0.0 | | | | | | | | |
| 2019 | 09 | 16 | 68 | 52 | 0.09 | | 0.0 | 0.0 | | | | | | | | |
| 2019 | 09 | 17 | 64 | 55 | 0.65 | | 0.0 | 0.0 | | | | | | | | |
| 2019 | 09 | 18 | 68 | 55 | 0.10 | | 0.0 | 0.0 | | | | | | | | |
| 2019 | 09 | 19 | 70 | 53 | 0.04 | | 0.0 | 0.0 | | | | | | | | |
| 2019 | 09 | 20 | 69 | 58 | T | | 0.0 | 0.0 | | | | | | | | |
| 2019 | 09 | 21 | 67 | 57 | 0.00 | | 0.0 | 0.0 | | | | | | | | |
| 2019 | 09 | 22 | 65 | 57 | 0.24 | | 0.0 | 0.0 | | | | | | | | |
| 2019 | 09 | 23 | 62 | 56 | 0.12 | | 0.0 | 0.0 | | | | | | | | |
| 2019 | 09 | 24 | 69 | 59 | T | | 0.0 | 0.0 | | | | | | | | |
| 2019 | 09 | 25 | 69 | 54 | 0.00 | | 0.0 | 0.0 | | | | | | | | |
| 2019 | 09 | 26 | 69 | 58 | 0.16 | | 0.0 | 0.0 | | | | | | | | |
| 2019 | 09 | 27 | 64 | 47 | 0.14 | | T | 0.0 | | | | | | | | |
| 2019 | 09 | 28 | 60 | 47 | 0.04 | | 0.0 | 0.0 | | | | | | | | |
| 2019 | 09 | 29 | 56 | 47 | 0.09 | | 0.0 | 0.0 | | | | | | | | |
| 2019 | 09 | 30 | 60 | 44 | 0.00 | | 0.0 | 0.0 | | | | | | | | |
| Summary | | | 69 | 56 | 3.32 | | 0.0 | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard Imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|------|------------------------------|----------------------------|----------------------|----------------------|---|----------------------|------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | Fall | Snow, Ice Pellets, Hail, Ice on Ground (in) | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2019 | 10 | 01 | 62 | 40 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 10 | 02 | 64 | 43 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 10 | 03 | 62 | 50 | | 0.02 | | 0.0 | | | | | | | | | |
| 2019 | 10 | 04 | 62 | 49 | | 0.03 | | 0.0 | | | | | | | | | |
| 2019 | 10 | 05 | 63 | 51 | | T | | 0.0 | | | | | | | | | |
| 2019 | 10 | 06 | 65 | 44 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 10 | 07 | 63 | 48 | | 0.05 | | 0.0 | | | | | | | | | |
| 2019 | 10 | 08 | 53 | 42 | | 0.17 | | T | | | | | | | | | |
| 2019 | 10 | 09 | 52 | 38 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 10 | 10 | 58 | 34 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 10 | 11 | 64 | 40 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 10 | 12 | 59 | 46 | | T | | 0.0 | | | | | | | | | |
| 2019 | 10 | 13 | 58 | 48 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 10 | 14 | 60 | 44 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 10 | 15 | 61 | 46 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 10 | 16 | 58 | 51 | | 0.51 | | 0.0 | | | | | | | | | |
| 2019 | 10 | 17 | 56 | 50 | | 0.15 | | 0.0 | | | | | | | | | |
| 2019 | 10 | 18 | 52 | 47 | | 0.82 | | 0.0 | | | | | | | | | |
| 2019 | 10 | 19 | 56 | 45 | | 0.96 | | 0.0 | | | | | | | | | |
| 2019 | 10 | 20 | 54 | 46 | | 0.13 | | 0.0 | | | | | | | | | |
| 2019 | 10 | 21 | 59 | 52 | | 0.39 | | 0.0 | | | | | | | | | |
| 2019 | 10 | 22 | 59 | 49 | | 0.10 | | 0.0 | | | | | | | | | |
| 2019 | 10 | 23 | 57 | 43 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 10 | 24 | 64 | 44 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 10 | 25 | 58 | 47 | | 0.34 | | 0.0 | | | | | | | | | |
| 2019 | 10 | 26 | 54 | 42 | | T | | 0.0 | | | | | | | | | |
| 2019 | 10 | 27 | 55 | 39 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 10 | 28 | 53 | 34 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 10 | 29 | 50 | 35 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 10 | 30 | 53 | 33 | | 0.00 | | 0.0 | | | | | | | | | |
| 2019 | 10 | 31 | 53 | 35 | | 0.00 | | 0.0 | | | | | | | | | |
| Summary | | | 58 | 44 | | 3.67 | | 0.0 | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

| Year | Month | Day | Temperature (F) | | Evaporation | | Soil Temperature (F) | | | | | | | | | |
|---------|-------|-----|------------------------------------|------|--|------|------------------------------|------|------------------------------|------|--------------|----------------------------|----------------------|----------------------|------|------|
| | | | 24 Hrs. Ending at Observation Time | | 24 Hour Amounts Ending at Observation Time | | 4 in. Depth | | 8 in. Depth | | | | | | | |
| | | | Max. | Min. | At Obs. | | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | Fall | At Obs. Time | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | Ground Cover (see *) | Max. | Min. |
| 2019 | 11 | 01 | 56 | 37 | | 0.00 | | 0.0 | | 0.0 | | | | | | |
| 2019 | 11 | 02 | 57 | 41 | | 0.00 | | 0.0 | | 0.0 | | | | | | |
| 2019 | 11 | 03 | 57 | 40 | | 0.00 | | 0.0 | | 0.0 | | | | | | |
| 2019 | 11 | 04 | 57 | 42 | | 0.00 | | 0.0 | | 0.0 | | | | | | |
| 2019 | 11 | 05 | 56 | 41 | | 0.00 | | 0.0 | | 0.0 | | | | | | |
| 2019 | 11 | 06 | 54 | 44 | | 0.00 | | 0.0 | | 0.0 | | | | | | |
| 2019 | 11 | 07 | 58 | 38 | | 0.00 | | 0.0 | | 0.0 | | | | | | |
| 2019 | 11 | 08 | 58 | 39 | | 0.00 | | 0.0 | | 0.0 | | | | | | |
| 2019 | 11 | 09 | 53 | 48 | | 0.32 | | 0.0 | | 0.0 | | | | | | |
| 2019 | 11 | 10 | 54 | 49 | | 0.00 | | 0.0 | | 0.0 | | | | | | |
| 2019 | 11 | 11 | 61 | 45 | | 0.00 | | 0.0 | | 0.0 | | | | | | |
| 2019 | 11 | 12 | 53 | 47 | | 0.25 | | 0.0 | | 0.0 | | | | | | |
| 2019 | 11 | 13 | 55 | 46 | | 0.00 | | 0.0 | | 0.0 | | | | | | |
| 2019 | 11 | 14 | 54 | 44 | | 0.00 | | 0.0 | | 0.0 | | | | | | |
| 2019 | 11 | 15 | 58 | 46 | | 0.19 | | 0.0 | | 0.0 | | | | | | |
| 2019 | 11 | 16 | 54 | 47 | | 0.01 | | 0.0 | | 0.0 | | | | | | |
| 2019 | 11 | 17 | 58 | 49 | | 0.09 | | 0.0 | | 0.0 | | | | | | |
| 2019 | 11 | 18 | 52 | 49 | | 0.26 | | 0.0 | | 0.0 | | | | | | |
| 2019 | 11 | 19 | 52 | 45 | | 0.39 | | 0.0 | | 0.0 | | | | | | |
| 2019 | 11 | 20 | 50 | 39 | | 0.00 | | 0.0 | | 0.0 | | | | | | |
| 2019 | 11 | 21 | 45 | 34 | | 0.00 | | 0.0 | | 0.0 | | | | | | |
| 2019 | 11 | 22 | 46 | 34 | | 0.00 | | 0.0 | | 0.0 | | | | | | |
| 2019 | 11 | 23 | 52 | 35 | | T | | 0.0 | | 0.0 | | | | | | |
| 2019 | 11 | 24 | 52 | 44 | | 0.11 | | 0.0 | | 0.0 | | | | | | |
| 2019 | 11 | 25 | 47 | 37 | | 0.09 | | 0.0 | | 0.0 | | | | | | |
| 2019 | 11 | 26 | 46 | 37 | | T | | 0.0 | | 0.0 | | | | | | |
| 2019 | 11 | 27 | 48 | 36 | | 0.00 | | 0.0 | | 0.0 | | | | | | |
| 2019 | 11 | 28 | 45 | 31 | | 0.00 | | 0.0 | | 0.0 | | | | | | |
| 2019 | 11 | 29 | 42 | 31 | | 0.00 | | 0.0 | | 0.0 | | | | | | |
| 2019 | 11 | 30 | 47 | 26 | | 0.00 | | 0.0 | | 0.0 | | | | | | |
| Summary | | | 53 | 41 | | 1.71 | | 0.0 | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 9=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard Imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|------|------------------------------|----------------------------|----------------------|----------------------|----------------------|-------------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | Fall | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2019 | 12 | 01 | 46 | 39 | | 0.02 | | 0.0 | | | | | | | | |
| 2019 | 12 | 02 | 51 | 37 | | 0.00 | | 0.0 | | | | | | | | |
| 2019 | 12 | 03 | 52 | 44 | | T | | 0.0 | | | | | | | | |
| 2019 | 12 | 04 | 50 | 45 | | 0.03 | | 0.0 | | | | | | | | |
| 2019 | 12 | 05 | 52 | 45 | | 0.00 | | 0.0 | | | | | | | | |
| 2019 | 12 | 06 | 56 | 44 | | T | | 0.0 | | | | | | | | |
| 2019 | 12 | 07 | 51 | 47 | | 0.29 | | 0.0 | | | | | | | | |
| 2019 | 12 | 08 | 52 | 45 | | 0.03 | | 0.0 | | | | | | | | |
| 2019 | 12 | 09 | 47 | 39 | | 0.00 | | 0.0 | | | | | | | | |
| 2019 | 12 | 10 | 45 | 39 | | 0.13 | | 0.0 | | | | | | | | |
| 2019 | 12 | 11 | 49 | 44 | | 0.54 | | 0.0 | | | | | | | | |
| 2019 | 12 | 12 | 51 | 45 | | 0.23 | | 0.0 | | | | | | | | |
| 2019 | 12 | 13 | 49 | 43 | | 0.00 | | 0.0 | | | | | | | | |
| 2019 | 12 | 14 | 45 | 41 | | 0.08 | | 0.0 | | | | | | | | |
| 2019 | 12 | 15 | 44 | 38 | | 0.11 | | 0.0 | | | | | | | | |
| 2019 | 12 | 16 | 46 | 38 | | 0.00 | | 0.0 | | | | | | | | |
| 2019 | 12 | 17 | 47 | 37 | | 0.00 | | 0.0 | | | | | | | | |
| 2019 | 12 | 18 | 46 | 39 | | 0.30 | | 0.0 | | | | | | | | |
| 2019 | 12 | 19 | 53 | 41 | | 1.32 | | 0.0 | | | | | | | | |
| 2019 | 12 | 20 | 54 | 49 | | 3.25 | | 0.0 | | | | | | | | |
| 2019 | 12 | 21 | 52 | 43 | | 0.83 | | 0.0 | | | | | | | | |
| 2019 | 12 | 22 | 44 | 40 | | 0.14 | | 0.0 | | | | | | | | |
| 2019 | 12 | 23 | 44 | 38 | | 0.29 | | 0.0 | | | | | | | | |
| 2019 | 12 | 24 | 40 | 33 | | 0.00 | | 0.0 | | | | | | | | |
| 2019 | 12 | 25 | 44 | 33 | | 0.00 | | 0.0 | | | | | | | | |
| 2019 | 12 | 26 | 39 | 30 | | 0.05 | | 0.0 | | | | | | | | |
| 2019 | 12 | 27 | 45 | 37 | | 0.01 | | 0.0 | | | | | | | | |
| 2019 | 12 | 28 | 47 | 41 | | T | | 0.0 | | | | | | | | |
| 2019 | 12 | 29 | 51 | 40 | | 0.01 | | 0.0 | | | | | | | | |
| 2019 | 12 | 30 | 48 | 43 | | 0.04 | | 0.0 | | | | | | | | |
| 2019 | 12 | 31 | 53 | 46 | | 0.26 | | 0.0 | | | | | | | | |
| Summary | | | 48 | 41 | | 7.96 | | 0.0 | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement. is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|------|------------------------------|--------------|----------------------------|----------------------|-------------|----------------------|-------------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | At Obs. Time | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | | Fall | Ground Cover (see *) | Max. | Ground Cover (see *) | Min. |
| 2020 | 01 | 01 | 53 | 46 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 01 | 02 | 50 | 41 | | 0.21 | | 0.0 | | | | | | | | |
| 2020 | 01 | 03 | 62 | 46 | | 0.39 | | 0.0 | | | | | | | | |
| 2020 | 01 | 04 | 46 | 40 | | 0.10 | | 0.0 | | | | | | | | |
| 2020 | 01 | 05 | 48 | 42 | | 0.14 | | 0.0 | | | | | | | | |
| 2020 | 01 | 06 | 51 | 41 | | 1.19 | | 0.0 | | | | | | | | |
| 2020 | 01 | 07 | 55 | 46 | | 0.28 | | 0.0 | | | | | | | | |
| 2020 | 01 | 08 | 45 | 33 | | 0.04 | | T | | | | | | | | |
| 2020 | 01 | 09 | 39 | 32 | | 0.06 | | T | | | | | | | | |
| 2020 | 01 | 10 | 44 | 35 | | 0.50 | | T | | | | | | | | |
| 2020 | 01 | 11 | 46 | 39 | | 0.09 | | 0.0 | | | | | | | | |
| 2020 | 01 | 12 | 45 | 33 | | 0.18 | | T | | | | | | | | |
| 2020 | 01 | 13 | 37 | 30 | | 0.09 | | 0.2 | | | | | | | | |
| 2020 | 01 | 14 | 36 | 28 | | 0.01 | | 0.5 | | | | | | | | |
| 2020 | 01 | 15 | 46 | 32 | | 0.01 | | T | | | | | | | | |
| 2020 | 01 | 16 | 45 | 35 | | T | | 0.0 | | | | | | | | |
| 2020 | 01 | 17 | 42 | 32 | | 0.02 | | 0.0 | | | | | | | | |
| 2020 | 01 | 18 | 51 | 39 | | 0.34 | | 0.0 | | | | | | | | |
| 2020 | 01 | 19 | 54 | 44 | | 0.03 | | 0.0 | | | | | | | | |
| 2020 | 01 | 20 | 53 | 44 | | T | | 0.0 | | | | | | | | |
| 2020 | 01 | 21 | 53 | 45 | | 0.52 | | 0.0 | | | | | | | | |
| 2020 | 01 | 22 | 50 | 44 | | 0.22 | | 0.0 | | | | | | | | |
| 2020 | 01 | 23 | 55 | 49 | | 0.99 | | 0.0 | | | | | | | | |
| 2020 | 01 | 24 | 52 | 48 | | 0.47 | | 0.0 | | | | | | | | |
| 2020 | 01 | 25 | 52 | 46 | | 0.16 | | 0.0 | | | | | | | | |
| 2020 | 01 | 26 | 54 | 47 | | 0.35 | | 0.0 | | | | | | | | |
| 2020 | 01 | 27 | 51 | 43 | | 0.61 | | 0.0 | | | | | | | | |
| 2020 | 01 | 28 | 53 | 46 | | 0.67 | | 0.0 | | | | | | | | |
| 2020 | 01 | 29 | 51 | 45 | | 0.37 | | 0.0 | | | | | | | | |
| 2020 | 01 | 30 | 51 | 42 | | 0.41 | | 0.0 | | | | | | | | |
| 2020 | 01 | 31 | 59 | 51 | | 0.78 | | 0.0 | | | | | | | | |
| Summary | | | 49 | 41 | | 9.23 | | 0.7 | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement. is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|------|------------------------------|----------------------------|----------------------|----------------------|----------------------|-------------|------|----------------------|------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | Fall | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. | Min. |
| 2020 | 02 | 01 | 55 | 37 | | 1.18 | | 0.0 | 0.0 | | | | | | | | |
| 2020 | 02 | 02 | 44 | 32 | | 0.00 | | 0.0 | | | | | | | | | |
| 2020 | 02 | 03 | 43 | 35 | | 0.11 | | T | | | | | | | | | |
| 2020 | 02 | 04 | 41 | 32 | | 0.11 | | T | | | | | | | | | |
| 2020 | 02 | 05 | 50 | 41 | | 0.52 | | 0.0 | | | | | | | | | |
| 2020 | 02 | 06 | 51 | 46 | | 0.83 | | 0.0 | | | | | | | | | |
| 2020 | 02 | 07 | 52 | 43 | | 0.43 | | 0.0 | | | | | | | | | |
| 2020 | 02 | 08 | 48 | 40 | | 0.04 | | 0.0 | | | | | | | | | |
| 2020 | 02 | 09 | 48 | 36 | | 0.00 | | 0.0 | | | | | | | | | |
| 2020 | 02 | 10 | 48 | 37 | | 0.00 | | 0.0 | | | | | | | | | |
| 2020 | 02 | 11 | 48 | 35 | | 0.01 | | 0.0 | | | | | | | | | |
| 2020 | 02 | 12 | 48 | 41 | | 0.07 | | 0.0 | | | | | | | | | |
| 2020 | 02 | 13 | 48 | 37 | | 0.02 | | 0.0 | | | | | | | | | |
| 2020 | 02 | 14 | 50 | 42 | | 0.11 | | 0.0 | | | | | | | | | |
| 2020 | 02 | 15 | 46 | 42 | | 0.11 | | 0.0 | | | | | | | | | |
| 2020 | 02 | 16 | 48 | 38 | | T | | 0.0 | | | | | | | | | |
| 2020 | 02 | 17 | 48 | 34 | | 0.00 | | 0.0 | | | | | | | | | |
| 2020 | 02 | 18 | 48 | 31 | | 0.00 | | 0.0 | | | | | | | | | |
| 2020 | 02 | 19 | 55 | 32 | | 0.00 | | 0.0 | | | | | | | | | |
| 2020 | 02 | 20 | 58 | 42 | | 0.00 | | 0.0 | | | | | | | | | |
| 2020 | 02 | 21 | 54 | 35 | | 0.00 | | 0.0 | | | | | | | | | |
| 2020 | 02 | 22 | 47 | 39 | | 0.07 | | 0.0 | | | | | | | | | |
| 2020 | 02 | 23 | 48 | 39 | | 0.18 | | 0.0 | | | | | | | | | |
| 2020 | 02 | 24 | 50 | 38 | | 0.00 | | 0.0 | | | | | | | | | |
| 2020 | 02 | 25 | 51 | 36 | | T | | 0.0 | | | | | | | | | |
| 2020 | 02 | 26 | 53 | 43 | | 0.05 | | 0.0 | | | | | | | | | |
| 2020 | 02 | 27 | 57 | 38 | | 0.00 | | 0.0 | | | | | | | | | |
| 2020 | 02 | 28 | 50 | 38 | | 0.09 | | 0.0 | | | | | | | | | |
| 2020 | 02 | 29 | 49 | 36 | | 0.12 | | 0.0 | | | | | | | | | |
| Summary | | | 50 | 38 | | 4.05 | | 0.0 | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|------|------------------------------|----------------------------|----------------------|----------------------|----------------------|-------------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | Fall | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2020 | 03 | 01 | 47 | 33 | | T | | 0.0 | | | | | | | | |
| 2020 | 03 | 02 | 48 | 40 | | 0.01 | | 0.0 | | | | | | | | |
| 2020 | 03 | 03 | 53 | 46 | | 0.18 | | 0.0 | | | | | | | | |
| 2020 | 03 | 04 | 52 | 41 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 03 | 05 | 56 | 38 | | 0.23 | | 0.0 | | | | | | | | |
| 2020 | 03 | 06 | 43 | 39 | | 0.48 | | 0.0 | | | | | | | | |
| 2020 | 03 | 07 | 45 | 38 | | 0.04 | | 0.0 | | | | | | | | |
| 2020 | 03 | 08 | 49 | 37 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 03 | 09 | 50 | 33 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 03 | 10 | 51 | 36 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 03 | 11 | 51 | 42 | | 0.07 | | 0.0 | | | | | | | | |
| 2020 | 03 | 12 | 52 | 39 | | T | | 0.0 | | | | | | | | |
| 2020 | 03 | 13 | 43 | 35 | | 0.38 | | T | | | | | | | | |
| 2020 | 03 | 14 | 44 | 32 | | T | | T | | | | | | | | |
| 2020 | 03 | 15 | 46 | 32 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 03 | 16 | 55 | 36 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 03 | 17 | 54 | 33 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 03 | 18 | 56 | 35 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 03 | 19 | 61 | 37 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 03 | 20 | 62 | 39 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 03 | 21 | 56 | 40 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 03 | 22 | 58 | 38 | | T | | 0.0 | | | | | | | | |
| 2020 | 03 | 23 | 51 | 41 | | 0.10 | | 0.0 | | | | | | | | |
| 2020 | 03 | 24 | 50 | 38 | | 0.04 | | 0.0 | | | | | | | | |
| 2020 | 03 | 25 | 49 | 39 | | 0.18 | | 0.0 | | | | | | | | |
| 2020 | 03 | 26 | 49 | 38 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 03 | 27 | 50 | 43 | | 0.02 | | 0.0 | | | | | | | | |
| 2020 | 03 | 28 | 54 | 46 | | 0.32 | | 0.0 | | | | | | | | |
| 2020 | 03 | 29 | 55 | 46 | | 0.58 | | 0.0 | | | | | | | | |
| 2020 | 03 | 30 | 50 | 39 | | 0.51 | | 0.0 | | | | | | | | |
| 2020 | 03 | 31 | 50 | 39 | | 0.03 | | 0.0 | | | | | | | | |
| Summary | | | 51 | 38 | | 3.17 | | 0.0 | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement. is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|---------|------------------------------|----------------------------|----------------------|----------------------|----------------------|-------------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | F l a g | Snow, Ice Pellets, Hail (in) | | | F l a g | Ground Cover (see *) | Max. | Ground Cover (see *) | Min. |
| 2020 | 04 | 01 | 52 | 39 | | 0.01 | | 0.0 | | | | | | | |
| 2020 | 04 | 02 | 51 | 37 | | T | | 0.0 | | | | | | | |
| 2020 | 04 | 03 | 50 | 37 | | 0.00 | | 0.0 | | | | | | | |
| 2020 | 04 | 04 | 56 | 35 | | 0.00 | | 0.0 | | | | | | | |
| 2020 | 04 | 05 | 56 | 44 | | 0.00 | | 0.0 | | | | | | | |
| 2020 | 04 | 06 | 60 | 39 | | 0.00 | | 0.0 | | | | | | | |
| 2020 | 04 | 07 | 56 | 40 | | 0.00 | | 0.0 | | | | | | | |
| 2020 | 04 | 08 | 63 | 39 | | 0.00 | | 0.0 | | | | | | | |
| 2020 | 04 | 09 | 69 | 42 | | 0.00 | | 0.0 | | | | | | | |
| 2020 | 04 | 10 | 64 | 44 | | 0.00 | | 0.0 | | | | | | | |
| 2020 | 04 | 11 | 60 | 44 | | T | | 0.0 | | | | | | | |
| 2020 | 04 | 12 | 60 | 37 | | 0.00 | | 0.0 | | | | | | | |
| 2020 | 04 | 13 | 64 | 38 | | 0.00 | | 0.0 | | | | | | | |
| 2020 | 04 | 14 | 64 | 42 | | 0.00 | | 0.0 | | | | | | | |
| 2020 | 04 | 15 | 66 | 49 | | 0.00 | | 0.0 | | | | | | | |
| 2020 | 04 | 16 | 70 | 44 | | 0.00 | | 0.0 | | | | | | | |
| 2020 | 04 | 17 | 71 | 44 | | 0.00 | | 0.0 | | | | | | | |
| 2020 | 04 | 18 | 57 | 48 | | 0.05 | | 0.0 | | | | | | | |
| 2020 | 04 | 19 | 65 | 48 | | 0.00 | | 0.0 | | | | | | | |
| 2020 | 04 | 20 | 67 | 45 | | 0.00 | | 0.0 | | | | | | | |
| 2020 | 04 | 21 | 58 | 47 | | 0.00 | | 0.0 | | | | | | | |
| 2020 | 04 | 22 | 54 | 49 | | 0.50 | | 0.0 | | | | | | | |
| 2020 | 04 | 23 | 59 | 48 | | 0.30 | | 0.0 | | | | | | | |
| 2020 | 04 | 24 | 60 | 47 | | T | | 0.0 | | | | | | | |
| 2020 | 04 | 25 | 62 | 49 | | 0.59 | | 0.0 | | | | | | | |
| 2020 | 04 | 26 | 62 | 45 | | 0.12 | | 0.0 | | | | | | | |
| 2020 | 04 | 27 | 63 | 48 | | 0.09 | | 0.0 | | | | | | | |
| 2020 | 04 | 28 | 63 | 45 | | 0.00 | | 0.0 | | | | | | | |
| 2020 | 04 | 29 | 70 | 49 | | 0.04 | | 0.0 | | | | | | | |
| 2020 | 04 | 30 | 58 | 47 | | T | | 0.0 | | | | | | | |
| Summary | | | 61 | 44 | | 1.70 | | 0.0 | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 9=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard Imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|------|------------------------------|----------------------------|----------------------|----------------------|----------------------|-------------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | Fall | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2020 | 05 | 01 | 66 | 43 | | T | | 0.0 | | | | | | | | |
| 2020 | 05 | 02 | 58 | 47 | | 0.24 | | 0.0 | | | | | | | | |
| 2020 | 05 | 03 | 57 | 44 | | 0.06 | | 0.0 | | | | | | | | |
| 2020 | 05 | 04 | 65 | 39 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 05 | 05 | 71 | 49 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 05 | 06 | 62 | 48 | | 0.11 | | 0.0 | | | | | | | | |
| 2020 | 05 | 07 | 68 | 44 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 05 | 08 | 80 | 50 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 05 | 09 | 86 | 62 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 05 | 10 | 87 | 62 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 05 | 11 | 74 | 54 | | 0.01 | | 0.0 | | | | | | | | |
| 2020 | 05 | 12 | 65 | 50 | | 0.05 | | 0.0 | | | | | | | | |
| 2020 | 05 | 13 | 65 | 52 | | T | | 0.0 | | | | | | | | |
| 2020 | 05 | 14 | 67 | 50 | | 0.11 | | 0.0 | | | | | | | | |
| 2020 | 05 | 15 | 68 | 52 | | T | | 0.0 | | | | | | | | |
| 2020 | 05 | 16 | 64 | 54 | | 0.54 | | 0.0 | | | | | | | | |
| 2020 | 05 | 17 | 68 | 53 | | 0.13 | | 0.0 | | | | | | | | |
| 2020 | 05 | 18 | 67 | 50 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 05 | 19 | 65 | 52 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 05 | 20 | 59 | 51 | | 0.03 | | 0.0 | | | | | | | | |
| 2020 | 05 | 21 | 59 | 47 | | 0.36 | | 0.0 | | | | | | | | |
| 2020 | 05 | 22 | 62 | 47 | | 0.05 | | 0.0 | | | | | | | | |
| 2020 | 05 | 23 | 65 | 48 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 05 | 24 | 71 | 50 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 05 | 25 | 63 | 55 | | 0.11 | | 0.0 | | | | | | | | |
| 2020 | 05 | 26 | 66 | 52 | | T | | 0.0 | | | | | | | | |
| 2020 | 05 | 27 | 75 | 48 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 05 | 28 | 82 | 57 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 05 | 29 | 80 | 58 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 05 | 30 | 60 | 50 | | 1.14 | | 0.0 | | | | | | | | |
| 2020 | 05 | 31 | 63 | 49 | | 0.18 | | 0.0 | | | | | | | | |
| Summary | | | 68 | 51 | | 3.12 | | 0.0 | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement. is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | | |
|---------|-------|-----|------------------------------------|------|--|------------------------------|------|--------------|----------------------------|----------------------|------------------------------|------|----------------------|------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | 24 Hour Amounts Ending at Observation Time | | | At Obs. Time | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | | |
| | | | Max. | Min. | At Obs. | Rain, Melted Snow, Etc. (in) | Fall | | | | Snow, Ice Pellets, Hail (in) | Fall | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2020 | 06 | 01 | 68 | 50 | | 0.00 | | 0.0 | | | | | | | | | |
| 2020 | 06 | 02 | 66 | 50 | | T | | 0.0 | | | | | | | | | |
| 2020 | 06 | 03 | 66 | 50 | | 0.00 | | 0.0 | | | | | | | | | |
| 2020 | 06 | 04 | 70 | 53 | | 0.00 | | 0.0 | | | | | | | | | |
| 2020 | 06 | 05 | 66 | 51 | | 0.00 | | 0.0 | | | | | | | | | |
| 2020 | 06 | 06 | 63 | 51 | | 0.01 | | 0.0 | | | | | | | | | |
| 2020 | 06 | 07 | 64 | 50 | | 0.02 | | 0.0 | | | | | | | | | |
| 2020 | 06 | 08 | 64 | 51 | | 0.03 | | 0.0 | | | | | | | | | |
| 2020 | 06 | 09 | 62 | 51 | | 0.45 | | 0.0 | | | | | | | | | |
| 2020 | 06 | 10 | 72 | 55 | | 0.02 | | 0.0 | | | | | | | | | |
| 2020 | 06 | 11 | 71 | 57 | | 0.12 | | 0.0 | | | | | | | | | |
| 2020 | 06 | 12 | 59 | 53 | | 0.27 | | 0.0 | | | | | | | | | |
| 2020 | 06 | 13 | 63 | 51 | | 0.11 | | 0.0 | | | | | | | | | |
| 2020 | 06 | 14 | 67 | 49 | | 0.00 | | 0.0 | | | | | | | | | |
| 2020 | 06 | 15 | 64 | 53 | | 0.18 | | 0.0 | | | | | | | | | |
| 2020 | 06 | 16 | 68 | 51 | | 0.01 | | 0.0 | | | | | | | | | |
| 2020 | 06 | 17 | 73 | 50 | | 0.00 | | 0.0 | | | | | | | | | |
| 2020 | 06 | 18 | 77 | 53 | | 0.00 | | 0.0 | | | | | | | | | |
| 2020 | 06 | 19 | 81 | 56 | | 0.00 | | 0.0 | | | | | | | | | |
| 2020 | 06 | 20 | 74 | 60 | | 0.03 | | 0.0 | | | | | | | | | |
| 2020 | 06 | 21 | 71 | 56 | | 0.00 | | 0.0 | | | | | | | | | |
| 2020 | 06 | 22 | 80 | 52 | | 0.00 | | 0.0 | | | | | | | | | |
| 2020 | 06 | 23 | 85 | 58 | | 0.00 | | 0.0 | | | | | | | | | |
| 2020 | 06 | 24 | 78 | 61 | | 0.00 | | 0.0 | | | | | | | | | |
| 2020 | 06 | 25 | 81 | 56 | | 0.00 | | 0.0 | | | | | | | | | |
| 2020 | 06 | 26 | 82 | 57 | | 0.00 | | 0.0 | | | | | | | | | |
| 2020 | 06 | 27 | 64 | 56 | | 0.56 | | 0.0 | | | | | | | | | |
| 2020 | 06 | 28 | 71 | 52 | | 0.34 | | 0.0 | | | | | | | | | |
| 2020 | 06 | 29 | 72 | 54 | | 0.00 | | 0.0 | | | | | | | | | |
| 2020 | 06 | 30 | 66 | 54 | | 0.13 | | 0.0 | | | | | | | | | |
| Summary | | | 70 | 53 | | 2.28 | | 0.0 | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 9=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard Imperial units.

| Y e a r | M o n t h | D a y | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | | | |
|------------------|-----------------------|-------------|---------------------------------------|------|---------------|---|------------------|------------------------------------|-------------------------------------|-------------------------|----------------------|---|----------------------------|------|------|----------------------------|------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | F l a g | Snow, Ice Pellets, Hail (in) | | | F l a g | Snow, Ice Pellets, Hail, Ice on Ground (in) | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. | Min. |
| 2020 | 07 | 01 | 66 | 54 | | 0.01 | | 0.0 | | | | | | | | | | |
| 2020 | 07 | 02 | 67 | 55 | | T | | 0.0 | | | | | | | | | | |
| 2020 | 07 | 03 | 66 | 55 | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 07 | 04 | 71 | 54 | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 07 | 05 | 74 | 55 | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 07 | 06 | 72 | 56 | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 07 | 07 | 70 | 56 | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 07 | 08 | 73 | 56 | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 07 | 09 | 72 | 58 | | 0.01 | | 0.0 | | | | | | | | | | |
| 2020 | 07 | 10 | 73 | 54 | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 07 | 11 | 70 | 54 | | T | | 0.0 | | | | | | | | | | |
| 2020 | 07 | 12 | 72 | 59 | | T | | 0.0 | | | | | | | | | | |
| 2020 | 07 | 13 | 76 | 55 | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 07 | 14 | 81 | 54 | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 07 | 15 | 84 | 57 | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 07 | 16 | 77 | 58 | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 07 | 17 | 72 | 58 | | 0.13 | | 0.0 | | | | | | | | | | |
| 2020 | 07 | 18 | 80 | 57 | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 07 | 19 | 84 | 59 | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 07 | 20 | 87 | 62 | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 07 | 21 | 81 | 62 | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 07 | 22 | 73 | 59 | | 0.02 | | 0.0 | | | | | | | | | | |
| 2020 | 07 | 23 | 69 | 58 | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 07 | 24 | 72 | 56 | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 07 | 25 | 78 | 56 | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 07 | 26 | 88 | 59 | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 07 | 27 | 94 | 63 | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 07 | 28 | 81 | 58 | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 07 | 29 | 86 | 56 | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 07 | 30 | 90 | 61 | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 07 | 31 | 83 | 60 | | 0.00 | | 0.0 | | | | | | | | | | |
| Summary | | | 77 | 57 | | 0.17 | | 0.0 | | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|------|------------------------------|----------------------------|----------------------|----------------------|----------------------|-------------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | Fall | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2020 | 08 | 01 | 76 | 58 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 08 | 02 | 82 | 57 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 08 | 03 | 82 | 60 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 08 | 04 | 84 | 61 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 08 | 05 | 81 | 59 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 08 | 06 | 73 | 58 | | 0.08 | | 0.0 | | | | | | | | |
| 2020 | 08 | 07 | 75 | 58 | | T | | 0.0 | | | | | | | | |
| 2020 | 08 | 08 | 69 | 58 | | 0.01 | | 0.0 | | | | | | | | |
| 2020 | 08 | 09 | 77 | 53 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 08 | 10 | 82 | 56 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 08 | 11 | 76 | 57 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 08 | 12 | 71 | 55 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 08 | 13 | 75 | 52 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 08 | 14 | 81 | 55 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 08 | 15 | 88 | 61 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 08 | 16 | 98 | 63 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 08 | 17 | 88 | 64 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 08 | 18 | 81 | 61 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 08 | 19 | 83 | 59 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 08 | 20 | 80 | 62 | | 0.08 | | 0.0 | | | | | | | | |
| 2020 | 08 | 21 | 71 | 60 | | 0.11 | | 0.0 | | | | | | | | |
| 2020 | 08 | 22 | 75 | 58 | | 0.01 | | 0.0 | | | | | | | | |
| 2020 | 08 | 23 | 77 | 55 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 08 | 24 | 76 | 56 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 08 | 25 | 78 | 54 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 08 | 26 | 78 | 57 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 08 | 27 | 81 | 55 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 08 | 28 | 78 | 58 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 08 | 29 | 70 | 55 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 08 | 30 | 73 | 51 | | T | | 0.0 | | | | | | | | |
| 2020 | 08 | 31 | 71 | 54 | | 0.02 | | 0.0 | | | | | | | | |
| Summary | | | 78 | 57 | | 0.31 | | 0.0 | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---------|-------|-----|------------------------------------|------|--|------------------------------|---------|------------------------------|--------------|----------------------------|----------------------|-------------|----------------------|-------------|------|----------------------|
| | | | 24 Hrs. Ending at Observation Time | | 24 Hour Amounts Ending at Observation Time | | | | At Obs. Time | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | |
| | | | Max. | Min. | At Obs. | Rain, Melted Snow, Etc. (in) | F l a g | Snow, Ice Pellets, Hail (in) | | | | F l a g | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) |
| 2020 | 09 | 01 | 81 | 56 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 09 | 02 | 81 | 57 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 09 | 03 | 84 | 56 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 09 | 04 | 83 | 59 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 09 | 05 | 75 | 59 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 09 | 06 | 81 | 56 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 09 | 07 | 84 | 61 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 09 | 08 | 83 | 63 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 09 | 09 | 88 | 59 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 09 | 10 | 91 | 61 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 09 | 11 | 73 | 53 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 09 | 12 | 61 | 51 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 09 | 13 | 64 | 50 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 09 | 14 | 69 | 55 | | 0.05 | | 0.0 | | | | | | | | |
| 2020 | 09 | 15 | 75 | 61 | | 0.01 | | 0.0 | | | | | | | | |
| 2020 | 09 | 16 | 71 | 59 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 09 | 17 | 74 | 59 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 09 | 18 | 66 | 60 | | 0.29 | | 0.0 | | | | | | | | |
| 2020 | 09 | 19 | 72 | 59 | | 0.04 | | 0.0 | | | | | | | | |
| 2020 | 09 | 20 | 71 | 58 | | 0.07 | | 0.0 | | | | | | | | |
| 2020 | 09 | 21 | 70 | 54 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 09 | 22 | 73 | 59 | | 0.11 | | 0.0 | | | | | | | | |
| 2020 | 09 | 23 | 63 | 58 | | 1.08 | | 0.0 | | | | | | | | |
| 2020 | 09 | 24 | 66 | 57 | | 0.08 | | 0.0 | | | | | | | | |
| 2020 | 09 | 25 | 63 | 55 | | 0.75 | | 0.0 | | | | | | | | |
| 2020 | 09 | 26 | 65 | 53 | | T | | 0.0 | | | | | | | | |
| 2020 | 09 | 27 | 70 | 53 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 09 | 28 | 76 | 52 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 09 | 29 | 80 | 54 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 09 | 30 | 76 | 55 | | 0.00 | | 0.0 | | | | | | | | |
| Summary | | | 74 | 57 | | 2.48 | | 0.0 | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 9=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard Imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|------|------------------------------|----------------------------|----------------------|----------------------|----------------------|-------------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | Fall | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2020 | 10 | 01 | 72 | 54 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 10 | 02 | 73 | 54 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 10 | 03 | 58 | 54 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 10 | 04 | 59 | 54 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 10 | 05 | 68 | 55 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 10 | 06 | 73 | 54 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 10 | 07 | 61 | 56 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 10 | 08 | 67 | 56 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 10 | 09 | 68 | 57 | | 0.52 | | 0.0 | | | | | | | | |
| 2020 | 10 | 10 | 62 | 52 | | 0.49 | | 0.0 | | | | | | | | |
| 2020 | 10 | 11 | 59 | 50 | | 0.61 | | 0.0 | | | | | | | | |
| 2020 | 10 | 12 | 62 | 52 | | T | | 0.0 | | | | | | | | |
| 2020 | 10 | 13 | 63 | 49 | | 0.57 | | 0.0 | | | | | | | | |
| 2020 | 10 | 14 | 63 | 51 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 10 | 15 | 60 | 46 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 10 | 16 | 62 | 51 | | 0.07 | | 0.0 | | | | | | | | |
| 2020 | 10 | 17 | 57 | 51 | | 0.03 | | 0.0 | | | | | | | | |
| 2020 | 10 | 18 | 63 | 52 | | 0.01 | | 0.0 | | | | | | | | |
| 2020 | 10 | 19 | 59 | 50 | | 0.06 | | 0.0 | | | | | | | | |
| 2020 | 10 | 20 | 59 | 47 | | T | | 0.0 | | | | | | | | |
| 2020 | 10 | 21 | 53 | 42 | | 0.05 | | 0.0 | | | | | | | | |
| 2020 | 10 | 22 | 54 | 40 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 10 | 23 | 51 | 39 | | 0.11 | | 0.0 | | | | | | | | |
| 2020 | 10 | 24 | 50 | 40 | | T | | 0.0 | | | | | | | | |
| 2020 | 10 | 25 | 49 | 34 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 10 | 26 | 52 | 35 | | T | | 0.0 | | | | | | | | |
| 2020 | 10 | 27 | 57 | 45 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 10 | 28 | 55 | 47 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 10 | 29 | 59 | 47 | | 0.02 | | 0.0 | | | | | | | | |
| 2020 | 10 | 30 | 60 | 47 | | 0.04 | | 0.0 | | | | | | | | |
| 2020 | 10 | 31 | 57 | 41 | | 0.00 | | 0.0 | | | | | | | | |
| Summary | | | 60 | 48 | | 2.58 | | 0.0 | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement. is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Current Location: Elev: 370 ft, Lat: 47.4444° N Lon: -122.3138° W
Station: **SEATTLE TACOMA AIRPORT, WA US USW00024233**

Record of Climatological Observations
These data are quality controlled and may not be identical to the original observations.
Generated on 04/12/2021

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801
Observation Time Temperature: Unknown Observation Time Precipitation: 2400

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---------|-------|-----|------------------------------------|------|--|------------------------------|---------|------------------------------|--------------|----------------------------|----------------------|-------------|----------------------|-------------|------|----------------------|
| | | | 24 Hrs. Ending at Observation Time | | 24 Hour Amounts Ending at Observation Time | | | | At Obs. Time | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | |
| | | | Max. | Min. | At Obs. | Rain, Melted Snow, Etc. (in) | F I a g | Snow, Ice Pellets, Hail (in) | | | | F I a g | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) |
| 2020 | 11 | 01 | 61 | 42 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 11 | 02 | 65 | 41 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 11 | 03 | 58 | 46 | | 0.90 | | 0.0 | | | | | | | | |
| 2020 | 11 | 04 | 66 | 58 | | 0.18 | | 0.0 | | | | | | | | |
| 2020 | 11 | 05 | 60 | 46 | | 0.32 | | 0.0 | | | | | | | | |
| 2020 | 11 | 06 | 51 | 39 | | T | | 0.0 | | | | | | | | |
| 2020 | 11 | 07 | 44 | 36 | | 0.01 | | 0.0 | | | | | | | | |
| 2020 | 11 | 08 | 49 | 33 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 11 | 09 | 43 | 31 | | 0.06 | | 0.0 | | | | | | | | |
| 2020 | 11 | 10 | 46 | 38 | | 0.04 | | 0.0 | | | | | | | | |
| 2020 | 11 | 11 | 46 | 37 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 11 | 12 | 49 | 40 | | 0.38 | | 0.0 | | | | | | | | |
| 2020 | 11 | 13 | 52 | 43 | | 0.49 | | 0.0 | | | | | | | | |
| 2020 | 11 | 14 | 48 | 41 | | 0.56 | | 0.0 | | | | | | | | |
| 2020 | 11 | 15 | 53 | 46 | | 0.20 | | 0.0 | | | | | | | | |
| 2020 | 11 | 16 | 51 | 46 | | 0.49 | | 0.0 | | | | | | | | |
| 2020 | 11 | 17 | 63 | 47 | | 0.53 | | 0.0 | | | | | | | | |
| 2020 | 11 | 18 | 49 | 44 | | 0.39 | | 0.0 | | | | | | | | |
| 2020 | 11 | 19 | 48 | 42 | | 0.16 | | 0.0 | | | | | | | | |
| 2020 | 11 | 20 | 50 | 43 | | 0.01 | | 0.0 | | | | | | | | |
| 2020 | 11 | 21 | 54 | 41 | | 0.02 | | 0.0 | | | | | | | | |
| 2020 | 11 | 22 | 45 | 36 | | 0.11 | | 0.0 | | | | | | | | |
| 2020 | 11 | 23 | 47 | 42 | | 0.12 | | 0.0 | | | | | | | | |
| 2020 | 11 | 24 | 52 | 43 | | 0.13 | | 0.0 | | | | | | | | |
| 2020 | 11 | 25 | 48 | 43 | | 0.03 | | 0.0 | | | | | | | | |
| 2020 | 11 | 26 | 50 | 43 | | T | | 0.0 | | | | | | | | |
| 2020 | 11 | 27 | 51 | 44 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 11 | 28 | 48 | 36 | | 0.02 | | 0.0 | | | | | | | | |
| 2020 | 11 | 29 | 45 | 31 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 11 | 30 | 51 | 39 | | 0.43 | | 0.0 | | | | | | | | |
| Summary | | | 51 | 41 | | 5.58 | | 0.0 | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard Imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|---------|------------------------------|----------------------------|----------------------|----------------------|----------------------|-------------|----------------------|------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | F I a g | Snow, Ice Pellets, Hail (in) | | | F I a g | Ground Cover (see *) | Max. | Ground Cover (see *) | Min. | Max. |
| 2020 | 12 | 01 | 49 | 36 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 12 | 02 | 60 | 38 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 12 | 03 | 50 | 37 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 12 | 04 | 54 | 36 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 12 | 05 | 58 | 35 | | T | | 0.0 | | | | | | | | |
| 2020 | 12 | 06 | 54 | 43 | | 0.03 | | 0.0 | | | | | | | | |
| 2020 | 12 | 07 | 52 | 43 | | T | | 0.0 | | | | | | | | |
| 2020 | 12 | 08 | 52 | 48 | | 0.73 | | 0.0 | | | | | | | | |
| 2020 | 12 | 09 | 50 | 40 | | 0.17 | | 0.0 | | | | | | | | |
| 2020 | 12 | 10 | 44 | 37 | | 0.04 | | 0.0 | | | | | | | | |
| 2020 | 12 | 11 | 47 | 37 | | T | | 0.0 | | | | | | | | |
| 2020 | 12 | 12 | 45 | 31 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 12 | 13 | 45 | 39 | | 0.20 | | 0.0 | | | | | | | | |
| 2020 | 12 | 14 | 50 | 43 | | 0.10 | | 0.0 | | | | | | | | |
| 2020 | 12 | 15 | 48 | 42 | | 0.42 | | 0.0 | | | | | | | | |
| 2020 | 12 | 16 | 50 | 45 | | 0.49 | | 0.0 | | | | | | | | |
| 2020 | 12 | 17 | 50 | 44 | | 0.07 | | 0.0 | | | | | | | | |
| 2020 | 12 | 18 | 52 | 44 | | 0.19 | | 0.0 | | | | | | | | |
| 2020 | 12 | 19 | 53 | 46 | | 0.45 | | 0.0 | | | | | | | | |
| 2020 | 12 | 20 | 54 | 47 | | 0.06 | | 0.0 | | | | | | | | |
| 2020 | 12 | 21 | 59 | 34 | | 1.64 | | 0.5 | | | | | | | | |
| 2020 | 12 | 22 | 46 | 34 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 12 | 23 | 43 | 31 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 12 | 24 | 44 | 28 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 12 | 25 | 49 | 35 | | 0.34 | | 0.0 | | | | | | | | |
| 2020 | 12 | 26 | 50 | 42 | | 0.11 | | 0.0 | | | | | | | | |
| 2020 | 12 | 27 | 49 | 39 | | 0.13 | | 0.0 | | | | | | | | |
| 2020 | 12 | 28 | 47 | 33 | | 0.00 | | 0.0 | | | | | | | | |
| 2020 | 12 | 29 | 41 | 34 | | 0.16 | | 0.0 | | | | | | | | |
| 2020 | 12 | 30 | 50 | 40 | | 0.97 | | 0.0 | | | | | | | | |
| 2020 | 12 | 31 | 50 | 46 | | 0.35 | | 0.0 | | | | | | | | |
| Summary | | | 50 | 39 | | 6.65 | | 0.5 | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement. is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | | | |
|---------|-------|-----|------------------------------------|------|--|------------------------------|---------|------------------------------|----------------------------|----------------------|----------------------|---|----------------------|------|------|----------------------|------|------|
| | | | 24 Hrs. Ending at Observation Time | | 24 Hour Amounts Ending at Observation Time | | | At Obs. Time | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | | | |
| | | | Max. | Min. | At Obs. | Rain, Melted Snow, Etc. (in) | F l a g | Snow, Ice Pellets, Hail (in) | | | F l a g | Snow, Ice Pellets, Hail, Ice on Ground (in) | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. | Min. |
| 2021 | 01 | 01 | 52 | 45 | | 0.42 | | 0.0 | | | | | | | | | | |
| 2021 | 01 | 02 | 49 | 41 | | 1.71 | | 0.0 | | | | | | | | | | |
| 2021 | 01 | 03 | 48 | 38 | | 0.44 | | 0.0 | | | | | | | | | | |
| 2021 | 01 | 04 | 51 | 43 | | 0.39 | | 0.0 | | | | | | | | | | |
| 2021 | 01 | 05 | 47 | 42 | | 0.66 | | 0.0 | | | | | | | | | | |
| 2021 | 01 | 06 | 52 | 39 | | 0.19 | | 0.0 | | | | | | | | | | |
| 2021 | 01 | 07 | 52 | 40 | | T | | 0.0 | | | | | | | | | | |
| 2021 | 01 | 08 | 51 | 37 | | 0.22 | | 0.0 | | | | | | | | | | |
| 2021 | 01 | 09 | 48 | 31 | | 0.00 | | 0.0 | | | | | | | | | | |
| 2021 | 01 | 10 | 49 | 41 | | 0.12 | | 0.0 | | | | | | | | | | |
| 2021 | 01 | 11 | 47 | 43 | | 0.97 | | 0.0 | | | | | | | | | | |
| 2021 | 01 | 12 | 57 | 47 | | 2.33 | | 0.0 | | | | | | | | | | |
| 2021 | 01 | 13 | 56 | 40 | | 0.08 | | 0.0 | | | | | | | | | | |
| 2021 | 01 | 14 | 58 | 38 | | 0.05 | | 0.0 | | | | | | | | | | |
| 2021 | 01 | 15 | 54 | 42 | | 0.11 | | 0.0 | | | | | | | | | | |
| 2021 | 01 | 16 | 47 | 38 | | T | | 0.0 | | | | | | | | | | |
| 2021 | 01 | 17 | 51 | 43 | | 0.04 | | 0.0 | | | | | | | | | | |
| 2021 | 01 | 18 | 49 | 36 | | 0.00 | | 0.0 | | | | | | | | | | |
| 2021 | 01 | 19 | 45 | 34 | | 0.00 | | 0.0 | | | | | | | | | | |
| 2021 | 01 | 20 | 47 | 34 | | 0.00 | | 0.0 | | | | | | | | | | |
| 2021 | 01 | 21 | 46 | 41 | | 0.04 | | 0.0 | | | | | | | | | | |
| 2021 | 01 | 22 | 46 | 34 | | 0.00 | | 0.0 | | | | | | | | | | |
| 2021 | 01 | 23 | 43 | 29 | | 0.00 | | 0.0 | | | | | | | | | | |
| 2021 | 01 | 24 | 41 | 38 | | 0.18 | | 0.0 | | | | | | | | | | |
| 2021 | 01 | 25 | 44 | 35 | | T | | 0.0 | | | | | | | | | | |
| 2021 | 01 | 26 | 43 | 34 | | 0.00 | | 0.0 | | | | | | | | | | |
| 2021 | 01 | 27 | 46 | 37 | | 0.12 | | 0.0 | | | | | | | | | | |
| 2021 | 01 | 28 | 47 | 40 | | 0.27 | | 0.0 | | | | | | | | | | |
| 2021 | 01 | 29 | 47 | 40 | | 0.07 | | 0.0 | | | | | | | | | | |
| 2021 | 01 | 30 | 50 | 41 | | 0.16 | | 0.0 | | | | | | | | | | |
| 2021 | 01 | 31 | 50 | 43 | | 0.18 | | 0.0 | | | | | | | | | | |
| Summary | | | 49 | 39 | | 8.75 | | 0.0 | | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement. is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | Evaporation | | Soil Temperature (F) | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|-----------|----------------------------|----------------------|----------------------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Fall (in) | | | Ground Cover (see *) | Max. | Ground Cover (see *) | Max. |
| 2021 | 02 | 01 | 50 | 44 | | 0.88 | | | | | | | |
| 2021 | 02 | 02 | 46 | 39 | | 0.61 | | | | | | | |
| 2021 | 02 | 03 | 50 | 40 | | 0.07 | | | | | | | |
| 2021 | 02 | 04 | 48 | 42 | | 0.01 | | | | | | | |
| 2021 | 02 | 05 | 52 | 44 | | T | | | | | | | |
| 2021 | 02 | 06 | 50 | 43 | | T | | | | | | | |
| 2021 | 02 | 07 | 48 | 38 | | 0.04 | | | | | | | |
| 2021 | 02 | 08 | 45 | 35 | | T | | | | | | | |
| 2021 | 02 | 09 | 45 | 31 | | 0.00 | | | | | | | |
| 2021 | 02 | 10 | 43 | 29 | | 0.00 | | | | | | | |
| 2021 | 02 | 11 | 38 | 30 | | T | | | | | | | |
| 2021 | 02 | 12 | 34 | 25 | | 0.14 | | | | | | | |
| 2021 | 02 | 13 | 31 | 25 | | 0.57 | | | | | | | |
| 2021 | 02 | 14 | 38 | 30 | | 0.31 | | | | | | | |
| 2021 | 02 | 15 | 44 | 33 | | 0.41 | | | | | | | |
| 2021 | 02 | 16 | 51 | 38 | | T | | | | | | | |
| 2021 | 02 | 17 | 48 | 36 | | T | | | | | | | |
| 2021 | 02 | 18 | 45 | 37 | | 0.08 | | | | | | | |
| 2021 | 02 | 19 | 50 | 40 | | 0.14 | | | | | | | |
| 2021 | 02 | 20 | 49 | 38 | | T | | | | | | | |
| 2021 | 02 | 21 | 51 | 43 | | 0.32 | | | | | | | |
| 2021 | 02 | 22 | 52 | 41 | | 0.35 | | | | | | | |
| 2021 | 02 | 23 | 49 | 36 | | 0.36 | | | | | | | |
| 2021 | 02 | 24 | 46 | 32 | | 0.01 | | | | | | | |
| 2021 | 02 | 25 | 48 | 38 | | 0.24 | | | | | | | |
| 2021 | 02 | 26 | 51 | 36 | | 0.13 | | | | | | | |
| 2021 | 02 | 27 | 49 | 32 | | T | | | | | | | |
| 2021 | 02 | 28 | 53 | 41 | | 0.01 | | | | | | | |
| Summary | | | 47 | 36 | | 4.68 | | | | | | | |
| | | | | | | 12.4 | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---------|-------|-----|------------------------------------|------|---------------|--|------|------------------------------|----------------------------|----------------------|----------------------|----------------------|-------------|------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | At Obs. | 24 Hour Amounts Ending at Observation Time | | | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | | |
| | | | Max. | Min. | | Rain, Melted Snow, Etc. (in) | Fall | Snow, Ice Pellets, Hail (in) | | | Fall | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2021 | 03 | 01 | 57 | 38 | | 0.00 | | 0.0 | | | | | | | | |
| 2021 | 03 | 02 | 50 | 40 | | T | | 0.0 | | | | | | | | |
| 2021 | 03 | 03 | 56 | 35 | | 0.00 | | 0.0 | | | | | | | | |
| 2021 | 03 | 04 | 53 | 37 | | 0.30 | | 0.0 | | | | | | | | |
| 2021 | 03 | 05 | 53 | 44 | | 0.04 | | 0.0 | | | | | | | | |
| 2021 | 03 | 06 | 51 | 41 | | 0.01 | | 0.0 | | | | | | | | |
| 2021 | 03 | 07 | 49 | 38 | | 0.14 | | 0.0 | | | | | | | | |
| 2021 | 03 | 08 | 51 | 31 | | 0.00 | | 0.0 | | | | | | | | |
| 2021 | 03 | 09 | 55 | 36 | | 0.00 | | 0.0 | | | | | | | | |
| 2021 | 03 | 10 | 54 | 36 | | 0.00 | | 0.0 | | | | | | | | |
| 2021 | 03 | 11 | 55 | 36 | | 0.00 | | 0.0 | | | | | | | | |
| 2021 | 03 | 12 | 57 | 35 | | 0.00 | | 0.0 | | | | | | | | |
| 2021 | 03 | 13 | 60 | 36 | | 0.00 | | 0.0 | | | | | | | | |
| 2021 | 03 | 14 | 47 | 39 | | 0.29 | | 0.0 | | | | | | | | |
| 2021 | 03 | 15 | 48 | 35 | | T | | T | | | | | | | | |
| 2021 | 03 | 16 | 52 | 33 | | 0.00 | | 0.0 | | | | | | | | |
| 2021 | 03 | 17 | 59 | 35 | | 0.00 | | 0.0 | | | | | | | | |
| 2021 | 03 | 18 | 55 | 39 | | 0.14 | | 0.0 | | | | | | | | |
| 2021 | 03 | 19 | 56 | 42 | | 0.05 | | 0.0 | | | | | | | | |
| 2021 | 03 | 20 | 52 | 42 | | 0.25 | | 0.0 | | | | | | | | |
| 2021 | 03 | 21 | 45 | 41 | | 0.08 | | 0.0 | | | | | | | | |
| 2021 | 03 | 22 | 53 | 40 | | 0.08 | | 0.0 | | | | | | | | |
| 2021 | 03 | 23 | 54 | 38 | | 0.00 | | 0.0 | | | | | | | | |
| 2021 | 03 | 24 | 52 | 42 | | 0.35 | | 0.0 | | | | | | | | |
| 2021 | 03 | 25 | 54 | 42 | | 0.55 | | 0.0 | | | | | | | | |
| 2021 | 03 | 26 | 53 | 41 | | 0.00 | | 0.0 | | | | | | | | |
| 2021 | 03 | 27 | 54 | 41 | | 0.00 | | 0.0 | | | | | | | | |
| 2021 | 03 | 28 | 47 | 39 | | 0.33 | | 0.0 | | | | | | | | |
| 2021 | 03 | 29 | 51 | 35 | | 0.00 | | 0.0 | | | | | | | | |
| 2021 | 03 | 30 | 54 | 34 | | 0.00 | | 0.0 | | | | | | | | |
| 2021 | 03 | 31 | 62 | 35 | | 0.00 | | 0.0 | | | | | | | | |
| Summary | | | 53 | 38 | | 2.61 | | 0.0 | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests. "At Obs." = Temperature at time of observation

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement. is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Current Location: Elev: 370 ft, Lat: 47.4444° N Lon: -122.3138° W
Station: **SEATTLE TACOMA AIRPORT, WA US USW00024233**

Record of Climatological Observations
These data are quality controlled and may not be identical to the original observations.
Generated on 04/12/2021

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801
Observation Time Temperature: Unknown Observation Time Precipitation: 2400

| Year | Month | Day | Temperature (F) | | Precipitation | | | | Evaporation | | Soil Temperature (F) | | | | | |
|---------|-------|-----|------------------------------------|------|--|---------|------------------------------|---------|--------------|----------------------------|----------------------|----------------------|------|-------------|----------------------|------|
| | | | 24 Hrs. Ending at Observation Time | | 24 Hour Amounts Ending at Observation Time | | | | At Obs. Time | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | 4 in. Depth | | 8 in. Depth | | |
| | | | Max. | Min. | Rain, Melted Snow, Etc. (in) | F I a g | Snow, Ice Pellets, Hail (in) | F I a g | | | | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. |
| 2021 | 04 | 01 | 58 | 42 | 0.00 | | 0.0 | | | | | | | | | |
| 2021 | 04 | 02 | 57 | 42 | 0.00 | | 0.0 | | | | | | | | | |
| 2021 | 04 | 03 | 63 | 41 | T | | 0.0 | | | | | | | | | |
| 2021 | 04 | 04 | 52 | 39 | T | | 0.0 | | | | | | | | | |
| 2021 | 04 | 05 | 56 | 35 | 0.00 | | 0.0 | | | | | | | | | |
| 2021 | 04 | 06 | 60 | 37 | 0.00 | | 0.0 | | | | | | | | | |
| 2021 | 04 | 07 | 48 | 42 | 0.23 | | 0.0 | | | | | | | | | |
| 2021 | 04 | 08 | 54 | 40 | 0.02 | | 0.0 | | | | | | | | | |
| 2021 | 04 | 09 | | | | | | | | | | | | | | |
| 2021 | 04 | 10 | | | | | | | | | | | | | | |
| 2021 | 04 | 11 | | | | | | | | | | | | | | |
| 2021 | 04 | 12 | | | | | | | | | | | | | | |
| 2021 | 04 | 13 | | | | | | | | | | | | | | |
| 2021 | 04 | 14 | | | | | | | | | | | | | | |
| 2021 | 04 | 15 | | | | | | | | | | | | | | |
| 2021 | 04 | 16 | | | | | | | | | | | | | | |
| 2021 | 04 | 17 | | | | | | | | | | | | | | |
| 2021 | 04 | 18 | | | | | | | | | | | | | | |
| 2021 | 04 | 19 | | | | | | | | | | | | | | |
| 2021 | 04 | 20 | | | | | | | | | | | | | | |
| 2021 | 04 | 21 | | | | | | | | | | | | | | |
| 2021 | 04 | 22 | | | | | | | | | | | | | | |
| 2021 | 04 | 23 | | | | | | | | | | | | | | |
| 2021 | 04 | 24 | | | | | | | | | | | | | | |
| 2021 | 04 | 25 | | | | | | | | | | | | | | |
| 2021 | 04 | 26 | | | | | | | | | | | | | | |
| 2021 | 04 | 27 | | | | | | | | | | | | | | |
| 2021 | 04 | 28 | | | | | | | | | | | | | | |
| 2021 | 04 | 29 | | | | | | | | | | | | | | |
| 2021 | 04 | 30 | | | | | | | | | | | | | | |
| Summary | | | 56 | 40 | 0.25 | | 0.0 | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

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